

Form Approved OMB No. 2070-0060

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#### DATA MATRIX

Date: July 26, 2012 EPA Reg. No./File Symbol: 35935-92 Page 1 of 15

**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 830	GROUP A- PRODUCT IDENTITY, COMPOSITION & ANALYSIS				
830.1550	Product identity and composition	48424001	Nufarm Limited (035935)	Own	
830.1600	Description of materials used to produce the product	48424001	Nufarm Limited (035935)	Own	
830.1620	Description of production process	48424001	Nufarm Limited (035935)	Own	
830.1650	Description of formulation process	-	<u> -</u>	N/A	1
830.1670	Discussion of formation of impurities	48424001	Nufarm Limited (035935)	Own	
830.1700	Preliminary analysis	48424002	Nufarm Limited (035935)	Own	
830.1750	Certified limits	48424001	Nufarm Limited (035935)	Own	
830.1800	Enforcement analytical method	48424001	Nufarm Limited (035935)	Own -	
830.1900	Submittal of samples		-	N/A	2
	GROUP B- PHYSICAL/CHEMICAL PROPERTIES				
830.6302	Color	48424003	Nufarm Limited (035935)	Own	
830.6303	Physical state	48424003	Nufarm Limited (035935)	Own	
830.6304	Odor	48424003	Nufarm Limited (035935)	Own	
830.6313	Stability to normal and elevated temperatures, metals, and metal ions	48424003	Nufarm Limited (035935)	Own	

Signature 2 - PSA	· · · · · · · · · · · · · · · · · · ·	Name and Title	Date
o.g.i.a.a.	nen	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012

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Ingredient: Fludioxonil (PC Code 71503)

830.6314	Oxidation/reduction: chemical incompatibility	48424003	Nufarm Limited (035935)	Own	
830.6315	Flammability		The second second	N/A	3
830.6316	Explodability			N/A	4
830.6317	Storage stability		-	N/A	5
830.6319	Miscibility		= -	N/A	6
830.6320	Corrosion characteristics		-100	N/A	7
830.6321	Dielectric breakdown voltage			N/A	8
830.7000	рН	48424003	Nufarm Limited (035935)	Own	
830.7050	UV/Visible absorption	48424003	Nufarm Limited (035935)	Own	
830.7100	Viscosity			N/A	9
830.7200	Melting point/melting range	48424003	Nufarm Limited (035935)	Own	
830.7220	Boiling point/boiling range		-	N/A	10
830.7300	Density/relative density/bulk density	48424003	Nufarm Limited (035935)	Own	
830.7370	Dissociation constants in water	48424003	Nufarm Limited (035935)	Own	
830.7520	Particle size, fiber length, and diameter distribution			N/A	11
830.7550	Partition coefficient (n-octanol/water), shake flask method			N/A	12

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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical		

Ingredient: Fludioxonil (PC Code 71503)

830.7560	Partition coefficient (n-octanol/water), generator column method		-	N/A	13
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromatography	48424003	Nufarm Limited (035935)	Own	
830.7840	Water solubility: column elution method; shake flask method	48424003	Nufarm Limited (035935)	Own	
830.7860	Water solubility: generator column method		-	N/A	14
830.7950	Vapor pressure			N/A	15

#### Footnotes:

- 1 OPPTS 830.1650 Description of Formulation Process data are not required since Fludioxonil Technical is a technical grade active ingredient and is produced by an integrated process. 40 CFR § 158.310 (e) (3)
- 2 OPPTS 830.1900 Submittal of samples data is not required since a sample of Fludioxonil (PAI) has been provided by the Basic manufacturer. 40 CFR § 158.310 (e) (9.11)
- 3 OPPTS 830.6315 Flammability data are not required since Fludioxonil Technical contains no combustible liquids. 40 CFR § 158.310 (e) (14)
- 4 OPPTS 830.6316 Explodability data are not required as Fludioxonil Technical is not potentially explosive 40 CFR § 158.310 (e) (15)
- 5 OPPTS 830.6317 Storage Stability data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 6 OPPTS 830.6319 Miscibility data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 7 OPPTS 830.6320 Corrosion Characteristics data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 8 OPPTS 830.6321 Dielectric Breakdown Voltage data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 9 OPPTS 830.7100 Viscosity data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 10 OPPTS 830.7220 Boiling Point/Boiling Range data are not required as Fludioxonil Technical is not a liquid at room temperature. 40 CFR § 158.310 (e) (21)
- 11 OPPTS 830.7520 Particle size, Fiber Length, and Diameter Distribution data is not required as Fludioxonil Technical is not water insoluble or fibrous. 40 CFR § 158.310 (e) (14)
- 12 OPPTS 830.7550 Partition Coefficient data is addressed using the liquid chromatography method (OPPTS 830.7570)
- 13 OPPTS 830.7560 Partition Coefficient data is addressed using the liquid chromatography method (OPPTS 830.7570)
- 14 OPPTS 830.7860 Water solubility data is addressed using the shake flask method (OPPTS 830.7840)
- 15 OPPTS 830.7950 Vapor pressure data is not required. Fludioxonil Technical is a solid powder at room temperature and is documented to have low vapor pressure.

Signature		Name and Title	Date
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# DATA MATRIX Date: July 26, 2012 EPA Reg. No./File Symbol: 35935-92 Page 4 of 15 Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 835	GROUP A- LABORATORY TRANSPORT	Lange (1855 L. R.			BASI
835.1110 - 835.1410		CITE-ALL		PAY	
	GROUP B- LABORATORY ABIOTIC TRANSFORMATION				
835.2120 - 835.2410		CITE-ALL		PAY	
	GROUP C- LABORATORY BIOLOGICAL TRANSFORMATION				
835.3100 - 835.3420		CITE-ALL	_	PAY	
PASSES A DESCRIPTION	GROUP D- TRANSFORMATION IN WATER AND SOIL	C. B. F. F.	THE PROPERTY.		
835.4100 - 835.4300		CITE-ALL		PAY	
	GROUP F- TRANSFORMATION IN WATER AND SOIL				
835.6100		CITE-ALL		PAY	

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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical	

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 850	GROUP A- AQUATIC FAUNA				
850.1010 - 850.1950		CITE-ALL		PAY	-
	GROUP B- TERRESTRIAL WILDLIFE				
850.2100 - 850.2500		CITE-ALL		PAY	
	GROUP C- BENEFICIAL INSECTS & INVERTEBRATES				
850.3020 - 850.3040		CITE-ALL		PAY	
	GROUP D- NONTARGET PLANTS				
850.4000 - 850.4800		CITE-ALL		PAY	
<b>在在江東東山</b> ,在2000年大大,南	GROUP E- TOXICITY TO MICROORGANISMS				
850.5100 - 850.5400		CITE-ALL		PAY	

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- Ciginatano	wer	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012	



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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 860	RESIDUE CHEMISTRY		<b>国际公司公司公司公司</b>		
860.1300 / 171-4a	Nature of the Residue- Plants (Cereals-Rice)	43080050	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Cereals- Wheat)	43143301	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Potato)	43960410	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Potato)	44703537	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Cotton)	44554201 44554202	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Soybeans)	44554203	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Lettuce)	45821801	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Onions)	44926101	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4b	Nature of the Residue-Livestock (Chicken)	43470602 44382323	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4b	Nature of the Residue-Livestock (Goat)	43470601	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4b	Nature of the Residue-Livestock	43960413	SYNGENTA CROP PROTECTION (000100)	OLD	

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C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340 / 171-4c	Residue Plant Method and Validation	43080051 43080052 43080054 43080055 43960411	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4c	Residue Plant Method and Validation	44554204	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1340 / 171-4d	Residue Animal Method and Validation	43960412	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4d	Residue Analytical Method (ILV)	43960414	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4d	Residue Animal Method and Validation	48526506 48526507	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1360 / 171-4m	Multiresidue Analytical Method	43080053	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1380 / 171-e	Storage Stability Data	43690403	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1380 / 171-e	Storage Stability Data	44554205	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1380 / 171-e	Storage Stability Data	44382332	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1480 / 171-4j	Magnitude of the Residue (Meat/Milk/Poultry/Eggs)	43960415	SYNGENTA CROP PROTECTION (000100)	OLD	

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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1480 / 171-4j	Magnitude of the Residue (Meat/Milk/Poultry/Eggs)	48526508	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Corn)	43124110	CVNCENTA ODOD DDOTECTION (000400)	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Corn)	43960416	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sorghum)	40404444	CVALCENTA ODOD PROTECTION (200400)	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Sorghum)	43124111	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Potato)	43960417	CVALCENTA ODOD DDOTECTION (200400)	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Potato)	43960418	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cotton)	44400000	OVALGENTA ODOD PROTECTION (202122)	DAY	
860.1520 / 171-41	Magnitude of the Residue PF (Cotton)	44490802	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Wheat)	44554206	CVALCENTA ODOD DDOTECTION (202122)	DAY	
860.1520 / 171-4	Magnitude of the Residue PF (Wheat)	44715108	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Leaf lettuce)	44554207	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Pea)	44554208	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucumber)	44554209	SYNGENTA CROP PROTECTION (000100)	PAY	

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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200

Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucurbits)	47161106	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Radish)	44554210 47161104	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bulb vegetables)	44615602	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Canola)	44703528	CANCENTA COOR DEOTECTION (000400)	DAY	
860.1520 / 171-41	Magnitude of the Residue PF (Canola)	44703530	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard)	44702520	CVNCENTA CDOR PROTECTION (COCACO)	DAY	
860.1520 / 171-41	Magnitude of the Residue PF (Mustard)	44703529	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Barley)	44745405	CVALCENTA COOR PROTECTION (COORS)	DAY	
860.1520 / 171-41	Magnitude of the Residue PF (Barley)	44715105	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Carrot)	45682301 45682401 47169310	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Broccoli)	45726001 45726101	IR-4 (959857)	PUBLIC	

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**Nufarm Limited** 

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Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726002 45726102	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Basil)	45795301 45795401	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Chives)	45795302 45795402	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726102	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cabbage)	45839801	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Head/Leaf Lettuce)	45945001 46006701	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, snap)	46014701 46016701	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, dry)	46014702 46016702	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, succulent shelled)	46014703 46016703	IR-4 (959857)	PUBLIC	

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C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Yam)	46040103	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cantaloupe)	46040104	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Onion, dry / green)	46196501	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Onion, dry / green)	46584601	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Tomato)	47161101	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Parsley)	47161103	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucurbits)	47161106	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sweet potato)	47161108	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Brassica)	47169311	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sweet corn, forage)	47705120	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Field corn, forage, grain, fodder)	47705122	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Pomegranate)	46162302	IR-4 (959857)	PUBLIC	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Oranges, Grapefruits )	46715501	SYNGENTA CROP PROTECTION (000100)	PAY	

Signature	CONTRACTOR STATE OF THE PARTY O	Name and Title	Date
WE THE	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012	



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### **DATA MATRIX**

**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500/171-4k	Magnitude of the Residue (Post harvest application lemons)	46715502	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Reside (Post harvest application Pomefruit)	46715503	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Kiwi fruit)	46715504	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Peach and Plum)	46715505	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Cherry)	46715506	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1850/165-1	Confined Accumulation in Rotational Crops	44198401	SYNGENTA CROP PROTECTION (000100)	PAY	

Signature	Name and Title	Date
wer	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012



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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical			

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 870	GROUP A- ACUTE TOXICITY				
870.1100 - 870.2600		CITE-ALL		PAY	
	GROUP B- SUBCHRONIC TOXICITY				
870.3050 – 870.3800		CITE-ALL		PAY	
	GROUP C- CHRONIC TOXICITY				
870.4100 – 870.4300		CITE-ALL		PAY	
	GROUP D- GENETIC TOXICITY				
870.5100 – 870.5915		CITE-ALL		PAY	
	GROUP E- NEUROTOXICITY				
870.6100 – 870.6855		CITE-ALL		PAY	
	GROUP F- SPECIAL STUDIES				
870.7200 – 870.7800		CITE-ALL		PAY	

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0.5	wer	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012



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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical	

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 875	GROUP A- APPLICATOR EXPOSURE MONITORING				
875.1100 – 875.1600		CITE-ALL		PAY	
	GROUP B- POSTAPPLICATION EXPOSURE MONITORING				1
875.2100 – 875.2900		CITE-ALL	-	PAY	
					B. 3
		ALLESSES.			
					8.4.5
					HW.

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	nen	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012



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	DATA MATRIX	
<b>Date:</b> July 26, 2012	EPA Reg. No./File Symbol: 35935-92	Page 15 of 15
Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical	
Ingredient: Fludioxonil (PC Code 71503)		

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter		Status	Note
Guideline Study Name MRID Number Submitter  LIST OF COMPANIES SENT OFFER TO PAY FOR USE OF CITE-ALL METHOD OF DATA SUPPORT  CITE-ALL SYNGENTA CROP PROTECTION, INC. / 000100 PAY  CITE-ALL WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC. / 000499 PAY  CITE-ALL THE ANDERSONS LAWN FERTILIZER DIVISION, INC / 009198 PAY  CITE-ALL PACE INTERNATIONAL LLC / 064864 PAY  CITE-ALL SPRAY DRIFT TASK FORCE / 066607 OWN 1  CITE-ALL OUTDOOR RESIDENTIAL EXPOSURE TASK FORCE, L.L.C. / 071754 OWN 1  CITE-ALL AGRICULTURAL REENTRY TASK FORCE / 071755 OWN 1  CITE-ALL FIFRA ENDANGERED SPECIES TASK FORCE, L.L.C. / 073989 OWN 1						
		CITE-ALL	SYNGENTA CROP PROTECTION, INC. / 000100	/	PAY	
		CITE-ALL	WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC. / 000499	/	PAY	
		CITE-ALL	THE ANDERSONS LAWN FERTILIZER DIVISION, INC / 009198		PAY	
	Removed the Co	CITE-ALL	PACE INTERNATIONAL LLC / 064864	/	PAY	
		CITE-ALL	SPRAY DRIFT TASK FORCE / 066607	/	OWN	1
		CITE-ALL	OUTDOOR RESIDENTIAL EXPOSURE TASK FORCE, L.L.C. / 071754	~	OWN	1
		CITE-ALL	AGRICULTURAL REENTRY TASK FORCE / 071755	/	OWN	1
		CITE-ALL	FIFRA ENDANGERED SPECIES TASK FORCE, L.L.C. / 073989		OWN	1
		CITE-ALL	AGRICULTURAL HANDLERS EXPOSURE TASK FORCE / 075234		OWN	1

#### **FOOTNOTES:**

1 Nufarm Limited is a member of this task force.

Signature		Name and Title	Date
O.g. attaco	nen	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012



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#### DATA MATRIX

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Nufarm Limited

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 830	GROUP A- PRODUCT IDENTITY, COMPOSITION & ANALYSIS				
830.1550	Product identity and composition	48424001	Nufarm Limited (035935)	Own	
830.1600	Description of materials used to produce the product	48424001	Nufarm Limited (035935)	Own	
830.1620	Description of production process	48424001	Nufarm Limited (035935)	Own	
830.1650	Description of formulation process			N/A	1
830.1670	Discussion of formation of impurities	48424001	Nufarm Limited (035935)	Own	
830.1700	Preliminary analysis	48424002	Nufarm Limited (035935)	Own	
830.1750	Certified limits	48424001	Nufarm Limited (035935)	Own	
830.1800	Enforcement analytical method	48424001	Nufarm Limited (035935)	Own	
830.1900	Submittal of samples	-		N/A	2
	GROUP B- PHYSICAL/CHEMICAL PROPERTIES				
830.6302	Color	48424003	Nufarm Limited (035935)	Own	
830.6303	Physical state	48424003	Nufarm Limited (035935)	Own	
330.6304	Odor	48424003	Nufarm Limited (035935)	Own	
330.6313	Stability to normal and elevated temperatures, metals, and metal ions	48424003	Nufarm Limited (035935)	Own	

Signature	nen	Name and Title Nathan P. Ehresman / Director, Regulatory Affairs	<b>Date</b> July 26, 2012	
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DATA MATRIX				
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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical			

Ingredient: Fludioxonil (PC Code 71503)

830.6314	Oxidation/reduction: chemical incompatibility	48424003	Nufarm Limited (035935)	Own	
830.6315	Flammability			N/A	3
830.6316	Explodability		De Coll - Tolley	N/A	4
830.6317	Storage stability			N/A	5
830.6319	Miscibility			N/A	6
830.6320	Corrosion characteristics		-	N/A	7
830.6321	Dielectric breakdown voltage		-	N/A	8
830.7000	pH	48424003	Nufarm Limited (035935)	Own	
830.7050	UV/Visible absorption	48424003	Nufarm Limited (035935)	Own	
830.7100	Viscosity			N/A	9
830.7200	Melting point/melting range	48424003	Nufarm Limited (035935)	Own	
830.7220	Boiling point/boiling range			N/A	10
830.7300	Density/relative density/bulk density	48424003	Nufarm Limited (035935)	Own	1
830.7370	Dissociation constants in water	48424003	Nufarm Limited (035935)	Own	
830.7520	Particle size, fiber length, and diameter distribution			N/A	11
830.7550	Partition coefficient (n-octanol/water), shake flask method	-		N/A	12

Signature		Name and Title	Date
C.g.i.a.a.o	nen	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012

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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical	

Ingredient: Fludioxonil (PC Code 71503)

830.7560	Partition coefficient (n-octanol/water), generator column method	-	-	N/A	13
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromatography	48424003	Nufarm Limited (035935)	Own	
830.7840	Water solubility: column elution method; shake flask method	48424003	Nufarm Limited (035935)	Own	
830.7860	Water solubility: generator column method			N/A	14
830.7950	Vapor pressure			N/A	15

#### Footnotes:

- 1 OPPTS 830.1650 Description of Formulation Process data are not required since Fludioxonil Technical is a technical grade active ingredient and is produced by an integrated process. 40 CFR § 158.310 (e) (3)
- 2 OPPTS 830.1900 Submittal of samples data is not required since a sample of Fludioxonil (PAI) has been provided by the Basic manufacturer. 40 CFR § 158.310 (e) (9.11)
- 3 OPPTS 830.6315 Flammability data are not required since Fludioxonil Technical contains no combustible liquids. 40 CFR § 158.310 (e) (14)
- 4 OPPTS 830.6316 Explodability data are not required as Fludioxonil Technical is not potentially explosive 40 CFR § 158.310 (e) (15)
- 5 OPPTS 830.6317 Storage Stability data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 6 OPPTS 830.6319 Miscibility data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 7 OPPTS 830.6320 Corrosion Characteristics data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 8 OPPTS 830.6321 Dielectric Breakdown Voltage data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 9 OPPTS 830.7100 Viscosity data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 10 OPPTS 830.7220 Boiling Point/Boiling Range data are not required as Fludioxonil Technical is not a liquid at room temperature. 40 CFR § 158.310 (e) (21)
- 11 OPPTS 830.7520 Particle size, Fiber Length, and Diameter Distribution data is not required as Fludioxonil Technical is not water insoluble or fibrous. 40 CFR § 158.310 (e) (14)
- 12 OPPTS 830.7550 Partition Coefficient data is addressed using the liquid chromatography method (OPPTS 830.7570)
- 13 OPPTS 830.7560 Partition Coefficient data is addressed using the liquid chromatography method (OPPTS 830.7570)
- 14 OPPTS 830.7860 Water solubility data is addressed using the shake flask method (OPPTS 830.7840)
- 15 OPPTS 830.7950 Vapor pressure data is not required. Fludioxonil Technical is a solid powder at room temperature and is documented to have low vapor pressure.

Signature	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	Name and Title	Date	
	her	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012	



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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 835	GROUP A- LABORATORY TRANSPORT				
835.1110 - 835.1410		CITE-ALL		PAY	
	GROUP B- LABORATORY ABIOTIC TRANSFORMATION				
835.2120 - 835.2410		CITE-ALL		PAY	
	GROUP C- LABORATORY BIOLOGICAL TRANSFORMATION				
835.3100 - 835.3420		CITE-ALL		PAY	
	GROUP D-TRANSFORMATION IN WATER AND SOIL		Committee of the		
835.4100 - 835.4300		CITE-ALL	<u>-</u>	PAY	
	GROUP F- TRANSFORMATION IN WATER AND SOIL				
835.6100		CITE-ALL		PAY	4

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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical	

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 850	GROUP A- AQUATIC FAUNA				
850.1010 - 850.1950		CITE-ALL		PAY	
	GROUP B- TERRESTRIAL WILDLIFE				
850.2100 - 850.2500		CITE-ALL		PAY	
	GROUP C- BENEFICIAL INSECTS & INVERTEBRATES				
850.3020 - 850.3040		CITE-ALL	-	PAY	
	GROUP D- NONTARGET PLANTS				
850.4000 - 850.4800		CITE-ALL		PAY	
	GROUP E- TOXICITY TO MICROORGANISMS				
850.5100 - 850.5400		CITE-ALL		PAY	

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#### DATA MATRIX

Nufarm Limited

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 860	RESIDUE CHEMISTRY			A. Arteria	
860.1300 / 171-4a	Nature of the Residue- Plants (Cereals-Rice)	43080050	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Cereals- Wheat)	43143301	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Potato)	43960410	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Potato)	44703537	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Cotton)	44554201 44554202	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Soybeans)	44554203	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Lettuce)	45821801	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Onions)	44926101	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4b	Nature of the Residue-Livestock (Chicken)	43470602 44382323	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4b	Nature of the Residue-Livestock (Goat)	43470601	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4b	Nature of the Residue-Livestock	43960413	SYNGENTA CROP PROTECTION (000100)	OLD	

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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340 / 171-4c	Residue Plant Method and Validation	43080051 43080052 43080054 43080055 43960411	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4c	Residue Plant Method and Validation	44554204	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1340 / 171-4d	Residue Animal Method and Validation	43960412	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4d	Residue Analytical Method (ILV)	43960414	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4d	Residue Animal Method and Validation	48526506 48526507	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1360 / 171-4m	Multiresidue Analytical Method	43080053	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1380 / 171-e	Storage Stability Data	43690403	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1380 / 171-e	Storage Stability Data	44554205	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1380 / 171-e	Storage Stability Data	44382332	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1480 / 171-4j	Magnitude of the Residue (Meat/Milk/Poultry/Eggs)	43960415	SYNGENTA CROP PROTECTION (000100)	OLD	

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	wer	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012



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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1480 / 171-4j	Magnitude of the Residue (Meat/Milk/Poultry/Eggs)	48526508	SYNGENTA CROP PROTECTION (000100)	PAY	F Z.
860.1500 / 171-4k	Magnitude of the Residue RAC (Corn)	43124110	CVALCENTA CROP PROTECTION (000400)	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Corn)	43960416	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sorghum)	40404444	OVALGENTA ODOD PROTECTION (COCACO)	OLD	
860.1520 / 171-4	Magnitude of the Residue PF (Sorghum)	43124111	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Potato)	43960417 43960418	43960417	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Potato)		SYNGENTA CROP PROTECTION (000100)		
860.1500 / 171-4k	Magnitude of the Residue RAC (Cotton)	44400000	44490802 SYNGENTA CROP PROTECTION (000100)	PAY	
860.1520 / 171-4I	Magnitude of the Residue PF (Cotton)	44490802			
860.1500 / 171-4k	Magnitude of the Residue RAC (Wheat)	44554206	OVALORITA ODOD PROTECTION (000400)	DAY	
860.1520 / 171-4I	Magnitude of the Residue PF (Wheat)	44715108	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Leaf lettuce)	44554207	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Pea)	44554208	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucumber)	44554209	SYNGENTA CROP PROTECTION (000100)	PAY	

Signature		Name and Title	Date
0.5	wer	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012



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#### DATA MATRIX

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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucurbits)	47161106	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Radish)	44554210 47161104	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bulb vegetables)	44615602	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Canola)	44703528 44703530	CVALCENTA ODOD DDOTECTION (200400)	DAY	
860.1520 / 171-41	Magnitude of the Residue PF (Canola)		SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard)	44702520	CYNCENTA OPOR PROTECTION (000400)	PAY	
860.1520 / 171-4	Magnitude of the Residue PF (Mustard)	44703529	SYNGENTA CROP PROTECTION (000100)		
860.1500 / 171-4k	Magnitude of the Residue RAC (Barley)	44745405	OVERENTA OPOR PROTECTION (000400)	DAY	
860.1520 / 171-4I	Magnitude of the Residue PF (Barley)	44715105	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Carrot)	45682301 45682401 47169310	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Broccoli)	45726001 45726101	IR-4 (959857)	PUBLIC	

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- Ciginataro	her	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012	



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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726002 45726102	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Basil)	45795301 45795401	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Chives)	45795302 45795402	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726102	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cabbage)	45839801	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Head/Leaf Lettuce)	45945001 46006701	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, snap)	46014701 46016701	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, dry)	46014702 46016702	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, succulent shelled)	46014703 46016703	IR-4 (959857)	PUBLIC	

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o.g.mano	her	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012



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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Yam)	46040103	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cantaloupe)	46040104	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Onion, dry / green)	46196501	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Onion, dry / green)	46584601	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Tomato)	47161101	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Parsley)	47161103	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucurbits)	47161106	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sweet potato)	47161108	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Brassica)	47169311	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sweet corn, forage)	47705120	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Field corn, forage, grain, fodder)	47705122	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Pomegranate)	46162302	IR-4 (959857)	PUBLIC	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Oranges, Grapefruits )	46715501	SYNGENTA CROP PROTECTION (000100)	PAY	

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	were	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012



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**Nufarm Limited** 

C/O Nufarm Americas Inc.

150 Harvester Drive, Suite 200

Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500/171-4k	Magnitude of the Residue (Post harvest application lemons)	46715502	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Reside (Post harvest application Pomefruit)	46715503	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Kiwi fruit)	46715504	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Peach and Plum)	46715505	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Cherry)	46715506	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1850/165-1	Confined Accumulation in Rotational Crops	44198401	SYNGENTA CROP PROTECTION (000100)	PAY	

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# DATA MATRIX Date: July 26, 2012 EPA Reg. No./File Symbol: 35935-92 Page 13 of 15 Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 Product: Fludioxonil Technical

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 870	GROUP A- ACUTE TOXICITY				
870.1100 – 870.2600		CITE-ALL		PAY	
	GROUP B- SUBCHRONIC TOXICITY				
870.3050 - 870.3800		CITE-ALL		PAY	
	GROUP C- CHRONIC TOXICITY				
870.4100 - 870.4300		CITE-ALL		PAY	
	GROUP D- GENETIC TOXICITY				
870.5100 – 870.5915		CITE-ALL		PAY	
	GROUP E- NEUROTOXICITY		And The London		
870.6100 – 870.6855		CITE-ALL		PAY	
	GROUP F- SPECIAL STUDIES				
870.7200 - 870.7800		CITE-ALL	# 1 - 4 1 1 to 1	PAY	

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	her	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012



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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical			

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 875	GROUP A- APPLICATOR EXPOSURE MONITORING			s from the same	
875.1100 – 875.1600		CITE-ALL		PAY	
	GROUP B- POSTAPPLICATION EXPOSURE MONITORING				
875.2100 – 875.2900		CITE-ALL		PAY	
	All sections are a section to the section of the se				

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	wer	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012



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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical		
Ingredient: Fludioxonil (PC Code 71503)			

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
LIST OF COMPANIES SENT OF	FER TO PAY FOR USE OF	CITE-ALL METH	OD OF DATA SUPPORT		
		CITE-ALL	SYNGENTA CROP PROTECTION, INC. / 000100	PAY	
		CITE-ALL	OUTDOOR RESIDENTIAL EXPOSURE TASK FORCE, L.L.C. / 071754	OWN	1
		CITE-ALL	WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC. / 000499	PAY	
		CITE-ALL	FIFRA ENDANGERED SPECIES TASK FORCE, L.L.C. / 073989	OWN	1
		CITE-ALL	AGRICULTURAL REENTRY TASK FORCE / 071755	OWN	1
		CITE-ALL	AGRICULTURAL HANDLERS EXPOSURE TASK FORCE / 075234	OWN	1
		CITE-ALL	SPRAY DRIFT TASK FORCE / 066607	OWN	1

### **FOOTNOTES:**

1 Nufarm Limited is a member of this task force.

Signature		Name and Title	Date
Oignaturo .	ner	Nathan P. Ehresman / Director, Regulatory Affairs	July 26, 2012



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#### DATA MATRIX

**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200

Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 830	GROUP A- PRODUCT IDENTITY, COMPOSITION & ANALYSIS				
830.1550	Product identity and composition	This submission	Nufarm Limited (035935)	Own	
830.1600	Description of materials used to produce the product	This submission	Nufarm Limited (035935)	Own	
830.1620	Description of production process	This submission	Nufarm Limited (035935)	Own	
830.1650	Description of formulation process	-	-	N/A	1
830.1670	Discussion of formation of impurities	This submission	Nufarm Limited (035935)	Own	
830.1700	Preliminary analysis	This submission	Nufarm Limited (035935)	Own	
830.1750	Certified limits	This submission	Nufarm Limited (035935)	Own	
830.1800	Enforcement analytical method	This submission	Nufarm Limited (035935)	Own	
830.1900	Submittal of samples	-	-	N/A	2
	GROUP B- PHYSICAL/CHEMICAL PROPERTIES				
830.6302	Color	This submission	Nufarm Limited (035935)	Own	
830.6303	Physical state	This submission	Nufarm Limited (035935)	Own	
830.6304	Odor	This submission	Nufarm Limited (035935)	Own	
830.6313	Stability to normal and elevated temperatures, metals, and metal ions	This submission	Nufarm Limited (035935)	Own	

Signature		Name and Title	Date
O.g.nataro	ner	Nathan P. Ehresman / Director, Regulatory Affairs	July 20, 2012

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4th Submission: Not acceptable



Ingredient: Fludioxonil (PC Code 71503)

### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

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DATA MATRIX					
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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical				

830.6314 Oxidation/reduction: chemical incompatibility This submission Nufarm Limited (035935) Own N/A 3 830.6315 Flammability 830.6316 Explodability N/A 4 5 830.6317 Storage stability N/A N/A 6 830.6319 Miscibility N/A 7 830.6320 Corrosion characteristics 8 830.6321 Dielectric breakdown voltage N/A 830.7000 pH This submission Nufarm Limited (035935) Own 830.7050 UV/Visible absorption This submission Nufarm Limited (035935) Own 830.7100 N/A 9 Viscosity 830.7200 Melting point/melting range Nufarm Limited (035935) Own This submission N/A 10 830.7220 Boiling point/boiling range 830.7300 Density/relative density/bulk density This submission Nufarm Limited (035935) Own 830.7370 Dissociation constants in water This submission Nufarm Limited (035935) Own N/A 11 830.7520 Particle size, fiber length, and diameter distribution 12 830.7550 Partition coefficient (n-octanol/water), shake flask method N/A

Signature	Commence of the second	Name and Title	Date	
Oiginataro	nen	Nathan P. Ehresman / Director, Regulatory Affairs	July 20, 2012	

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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical			

Ingredient: Fludioxonil (PC Code 71503)

830.7560	Partition coefficient (n-octanol/water), generator column method	-		N/A	13
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromotography	This submission	Nufarm Limited (035935)	Own	
830.7840	Water solubility: column elution method; shake flask method	This submission	Nufarm Limited (035935)	Own	
830.7860	Water solubility: generator column method		74. 16. J <del>.</del> 12. J. 1	N/A	14
830.7950	Vapor pressure		Nufarm Limited (035935)	Own	

#### Footnotes:

- 1 OPPTS 830.1650 Description of Formulation Process data are not required since Fludioxonil Technical is a technical grade active ingredient and is produced by an integrated process. 40 CFR § 158.310 (e) (3)
- 2 OPPTS 830.1900 Submittal of samples data is not required since a sample of Fludioxonil (PAI) has been provided by the Basic manufacturer. 40 CFR § 158.310 (e) (9.11)
- 3 OPPTS 830.6315 Flammability data are not required since Fludioxonil Technical contains no combustible liquids. 40 CFR § 158.310 (e) (14) 4 OPPTS 830.6316 Explodability data are not required as Fludioxonil Technical is not potentially explosive 40 CFR § 158.310 (e) (15)
- 5 OPPTS 830.6317 Storage Stability data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 6 OPPTS 830.6319 Miscibility data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 7 OPPTS 830.6320 Corrosion Characteristics data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 8 OPPTS 830.6321 Dielectric Breakdown Voltage data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 9 OPPTS 830.7100 Viscosity data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 10 OPPTS 830.7220 Boiling Point/Boiling Range data are not required as Fludioxonil Technical is not a liquid at room temperature. 40 CFR § 158.310 (e) (21)
- 11 OPPTS 830.7520 Particle size, Fiber Length, and Diameter Distribution data is not required as Fludioxonil Technical is not water insoluble or fibrous. 40 CFR § 158.310 (e) (14)
- 12 OPPTS 830.7550 Partition Coefficient data is addressed using the liquid chromatography method (OPPTS 830.7570)
- 13 OPPTS 830.7560 Partition Coefficient data is addressed using the liquid chromatography method (OPPTS 830.7570)
- 14 OPPTS 830.7860 Water solubility data is addressed using the shake flask method (OPPTS 830.7840)
- 15 OPPTS 830.7950 Vapor pressure data is not required. Fludioxonil Technical is a solid powder at room temperature and is documented to have low vapor pressure.

Signature		Name and Title	Date
	wer	Nathan P. Ehresman / Director, Regulatory Affairs	July 20, 2012



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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200	Product: Fludioxonil Technical			

Ingredient: Fludioxonil (PC Code 71503)

Burr Ridge, IL 60527

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 835	GROUP A- LABORATORY TRANSPORT				
835.1110 - 835.1410		CITE-ALL		PAY	14 (1)
	GROUP B- LABORATORY ABIOTIC TRANSFORMATION				
835.2120 - 835.2410		CITE-ALL		PAY	
	GROUP C-LABORATORY BIOLOGICAL TRANSFORMATION	A August III			
835.3100 - 835.3420		CITE-ALL		PAY	
	GROUP D-TRANSFORMATION IN WATER AND SOIL	as the same			
835.4100 - 835.4300		CITE-ALL		PAY	
	GROUP F- TRANSFORMATION IN WATER AND SOIL				
835.6100		CITE-ALL	2	PAY	

Signature		Name and Title	Date
	wer	Nathan P. Ehresman / Director, Regulatory Affairs	July 20, 2012



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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical			

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 850	GROUP A- AQUATIC FAUNA				
850.1010 - 850.1950		CITE-ALL		PAY	
	GROUP B- TERRESTRIAL WILDLIFE				
850.2100 - 850.2500		CITE-ALL		PAY	
	GROUP C- BENEFICIAL INSECTS & INVERTEBRATES				
850.3020 - 850.3040		CITE-ALL	-	PAY	
	GROUP D- NONTARGET PLANTS				
850.4000 - 850.4800		CITE-ALL		PAY	
	GROUP E- TOXICITY TO MICROORGANISMS				
850.5100 - 850.5400		CITE-ALL		PAY	

Signature	2082	Name and Title	Date	
		Nathan P. Ehresman / Director, Regulatory Affairs	July 20, 2012	



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**Nufarm Limited** 

C/O Nufarm Americas Inc.
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 860	RESIDUE CHEMISTRY			in the second	
860.1300 / 171-4a	Nature of the Residue- Plants (Cereals-Rice)	43080050	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Cereals- Wheat)	43143301	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Potato)	43960410	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Potato)	44703537	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Cotton)	44554201 44554202	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Soybeans)	44554203	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Lettuce)	45821801	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Onions)	44926101	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4b	Nature of the Residue-Livestock (Chicken)	43470602 44382323	SYNGENTA CROP PROTECTION (000100)	OLD	1102
860.1300 / 171-4b	Nature of the Residue-Livestock (Goat)	43470601	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4b	Nature of the Residue-Livestock	43960413	SYNGENTA CROP PROTECTION (000100)	OLD	

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## DATA MATRIX Date: July 20, 2012 EPA Reg. No./File Symbol: 35935-92 Page 7 of 15 Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Burr Ridge, IL 60527

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340 / 171-4c	Residue Plant Method and Validation	43080051 43080052 43080054 43080055 43960411	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4c	Residue Plant Method and Validation	44554204	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1340 / 171-4d	Residue Animal Method and Validation	43960412	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4d	Residue Analytical Method (ILV)	43960414	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4d	Residue Animal Method and Validation	48526506 48526507	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1360 / 171-4m	Multiresidue Analytical Method	43080053	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1380 / 171-e	Storage Stability Data	43690403	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1380 / 171-e	Storage Stability Data	44554205	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1380 / 171-e	Storage Stability Data	44382332	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1480 / 171-4j	Magnitude of the Residue (Meat/Milk/Poultry/Eggs)	43960415	SYNGENTA CROP PROTECTION (000100)	OLD	

Signature		Name and Title	Date	
	her	Nathan P. Ehresman / Director, Regulatory Affairs	July 20, 2012	

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#### DATA MATRIX

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**Nufarm Limited** 

C/O Nufarm Americas Inc.
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1480 / 171-4j	Magnitude of the Residue (Meat/Milk/Poultry/Eggs)	48526508	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Corn)	43124110	CVALCENTA CROP PROTECTION (202420)	OLD	400
860.1520 / 171-41	Magnitude of the Residue PF (Corn)	43960416	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sorghum)	40404444	CVALCENTA ODOD PROTECTION (200420)	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Sorghum)	43124111	SYNGENTA CROP PROTECTION (000100)		
860.1500 / 171-4k	Magnitude of the Residue RAC (Potato)	43960417 43960418	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Potato)				
860.1500 / 171-4k	Magnitude of the Residue RAC (Cotton)	44400000	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1520 / 171-41	Magnitude of the Residue PF (Cotton)	44490802			
860.1500 / 171-4k	Magnitude of the Residue RAC (Wheat)	44554206	CVALCENTA ODOD DDOTECTION (COCACO)		
860.1520 / 171-41	Magnitude of the Residue PF (Wheat)	44715108	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Leaf lettuce)	44554207	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Pea)	44554208	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucumber)	44554209	SYNGENTA CROP PROTECTION (000100)	PAY	

Signature
Name and Title
Nathan P. Ehresman / Director, Regulatory Affairs
Date
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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucurbits)	47161106	SYNGENTA CROP PROTECTION (000100)	PAY	-
860.1500 / 171-4k	0.1500 / 171-4k Magnitude of the Residue RAC (Radish)		SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bulb vegetables)	(Bulb vegetables) 44615602 SYNGENTA CROP PROTECTION (000100)		PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Canola)	44703528	44703528		
860.1520 / 171-4	Magnitude of the Residue PF (Canola)	44703530	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard)	44700500	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1520 / 171-4	Magnitude of the Residue PF (Mustard)	44703529			
860.1500 / 171-4k	Magnitude of the Residue RAC (Barley)	44745405	OVALOUNTA ODOD PROTECTION (COCACO)	DAY	
860.1520 / 171-4	Magnitude of the Residue PF (Barley)	44715105	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Carrot)	45682301 45682401 47169310	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Broccoli)	45726001	IR-4 (959857)	PUBLIC	1

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3.3	her	Nathan P. Ehresman / Director, Regulatory Affairs	July 20, 2012



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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726002 45726102	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Broccoli)	45726001 45726101	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726102	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Basil)	45795301 45795401	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Chives)	45795302 45795402	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726102	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cabbage)	45839801	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Head/Leaf Lettuce)	45945001 46006701	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, snap)	46014701 46016701	IR-4 (959857)	PUBLIC	

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Org. Care	ner	Nathan P. Ehresman / Director, Regulatory Affairs	July 20, 2012	



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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, dry)	46014702 46016702	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, succulent shelled)	46014703 46016703	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Yam)	46040103	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cantaloupe)	46040104	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Onion, dry / green)	46196501	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Onion, dry / green)	46584601	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Tomato)	47161101	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Parsley)	47161103	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucurbits)	47161106	IR-4 (959857) Syngerste	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sweetpotato)	47161108	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Brassica)	47169311	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sweet corn, forage)	47705120	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Field corn, forage, grain, fodder)	47705122	SYNGENTA CROP PROTECTION (000100)	PAY	

Signature

Name and Title
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Date
July 20, 2012



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#### DATA MATRIX

**Nufarm Limited** 

C/O Nufarm Americas Inc.
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500/171-4k	Magnitude of the Residue (Post harvest application Oranges, Grapefruits )	46715501	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application lemons)	46715502	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Reside (Post harvest application Pomefruit)	46715503	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Kiwi fruit)	46715504	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Peach and Plum)	46715505	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Cherry)	46715506	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1850/165-1	Confined Accumulation in Rotational Crops	44198401	SYNGENTA CROP PROTECTION (000100)	PAY	

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wer	Nathan P. Ehresman / Director, Regulatory Affairs	July 20, 2012



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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical			

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status N	Note
OPPTS SERIES 870	GROUP A- ACUTE TOXICITY				
870.1100 (-830.2600		CITE-ALL		PAY	
870.2400	GROUP B- SUBCHRONIC TOXICITY				
870.3050 - 870.3800		CITE-ALL		PAY	
	GROUP C- CHRONIC TOXICITY				
870.4100 – 870.4300		CITE-ALL		PAY	
	GROUP D- GENETIC TOXICITY				
870.5100 – 870.5915		CITE-ALL		PAY	
	GROUP E- NEUROTOXICITY				
870.6100-870.6855		CITE-ALL	-	PAY	
SECTION SECTION SECTION	GROUP F- SPECIAL STUDIES				
870.7485 870.7480	0	CITE-ALL		PAY	

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wer	Nathan P. Ehresman / Director, Regulatory Affairs	July 20, 2012



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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical			

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 875	GROUP A- APPLICATOR EXPOSURE MONITORING				
875.1100 – 875.1600	The state of the s	CITE-ALL	-	PAY	
	GROUP B- POSTAPPLICATION EXPOSURE MONITORING				
875.2100 – 875.2900		CITE-ALL	-	PAY	
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			CALL TO THE SECOND		774
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Signature		Name and Title	Date
	ner	Nathan P. Ehresman / Director, Regulatory Affairs	July 20, 2012



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DATA MATRIX				
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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical			
Ingredient: Fludioxonil (PC Code 71503)				

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
LIST OF COMPANIES SENT OF	FER TO PAY FOR USE OF	CITE-ALL METH	OD OF DATA SUPPORT		
		CITE-ALL	SYNGENTA CROP PROTECTION, INC. / 000100	PAY	
		CITE-ALL	OUTDOOR RESIDENTIAL EXPOSURE TASK FORCE, L.L.C. / 071754	OWN	1
		CITE-ALL	WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC. / 000499	PAY	
		CITE-ALL	FIFRA ENDANGERED SPECIES TASK FORCE, L.L.C. / 073989	OWN	1
		CITE-ALL	AGRICULTURAL REENTRY TASK FORCE / 071755	OWN	1
		CITE-ALL	AGRICULTURAL HANDLERS EXPOSURE TASK FORCE / 075234	OWN	1
		CITE-ALL	SPRAY DRIFT TASK FORCE / 066607	OWN	1

#### **FOOTNOTES:**

1 Nufarm Limited is a member of this task force.

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Director, Regulatory Affairs	July 20, 2012



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#### DATA MATRIX

**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 830	GROUP A- PRODUCT IDENTITY, COMPOSITION & ANALYSIS				
830.1550	Product identity and composition	48424001	Nufarm Limited (035935)	Own	
830.1600	Description of materials used to produce the product	48424001	Nufarm Limited (035935)	Own	
830.1620	Description of production process	48424001	Nufarm Limited (035935)	Own	
830.1650	Description of formulation process			N/A	1
830.1670	Discussion of formation of impurities	48424001	Nufarm Limited (035935)	Own	
830.1700	Preliminary analysis	48424002	Nufarm Limited (035935)	Own	
830.1750	Certified limits	48424001	Nufarm Limited (035935)	Own	
830.1800	Enforcement analytical method	48424001	Nufarm Limited (035935)	Own	
830.1900	Submittal of samples	-	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	N/A	2
	GROUP B- PHYSICAL/CHEMICAL PROPERTIES	Secretary Control			
830.6302	Color	48424003	Nufarm Limited (035935)	Own	
830.6303	Physical state	48424003	Nufarm Limited (035935)	Own	
830.6304	Odor	48424003	Nufarm Limited (035935)	Own	
830.6313	Stability to normal and elevated temperatures, metals, and metal ions	48424003	Nufarm Limited (035935)	Qwn	

Signature	Name and Title	Date	
Olginatar o	ner	Nathan P. Ehresman / Product Registration Manager	February 14, 2012

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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical				

830.6314	Oxidation/reduction: chemical incompatibility	48424003	Nufarm Limited (035935)	Own	
830.6315	Flammability		A CANADA TANADA	N/A	3
830.6316	Explodability		As a set Transition	N/A	4
830.6317	Storage stability			N/A	5
830.6319	Miscibility			N/A	6
830.6320	Corrosion characteristics			N/A	7
830.6321	Dielectric breakdown voltage		- A.C.	N/A	8
830.7000	pH	48424003	Nufarm Limited (035935)	Own	
830.7050	UV/Visible absorption	48424003	Nufarm Limited (035935)	Own	
830.7100	Viscosity			N/A	9
830.7200	Melting point/melting range	48424003	Nufarm Limited (035935)	Own	
830.7220	Boiling point/boiling range		-	N/A	10
830.7300	Density/relative density/bulk density	48424003	Nufarm Limited (035935)	Own	
830.7370	Dissociation constants in water	48424003	Nufarm Limited (035935)	Own	
830.7520	Particle size, fiber length, and diameter distribution	- 1		N/A	11
830.7550	Partition coefficient (n-octanol/water), shake flask method			N/A	12

Signature 225	Name and Title	Date	
	Nathan P. Ehresman / Product Registration Manager	February 14, 2012	



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N/A

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DATA MATRIX			
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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical		
Ingredient: Fludioxonil (PC Code 71503)			

830.7560	Partition coefficient (n-octanol/water), generator column method		为是为(n=) Dags 图	N/A	13
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromotography	48424003	Nufarm Limited (035935)	Own	
830.7840	Water solubility: column elution method; shake flask method	48424003	Nufarm Limited (035935)	Own	
830.7860	Water solubility: generator column method			N/A	14

#### 830.7950 Footnotes:

- 1 OPPTS 830.1650 Description of Formulation Process data are not required since Fludioxonil Technical is a technical grade active ingredient and is produced by an integrated process. 40 CFR § 158.310 (e) (3)
- 2 OPPTS 830.1900 Submittal of samples data is not required since a sample of Fludioxonil (PAI) has been provided by the Basic manufacturer. 40 CFR § 158.310 (e) (9.11)
- 3 OPPTS 830.6315 Flammability data are not required since Fludioxonil Technical contains no combustible liquids. 40 CFR § 158.310 (e) (14)
- 4 OPPTS 830.6316 Explodability data are not required as Fludioxonil Technical is not potentially explosive 40 CFR § 158.310 (e) (15)
- 5 OPPTS 830.6317 Storage Stability data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 6 OPPTS 830.6319 Miscibility data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 7 OPPTS 830.6320 Corrosion Characteristics data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 8 OPPTS 830.6321 Dielectric Breakdown Voltage data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 9 OPPTS 830.7100 Viscosity data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 10 OPPTS 830.7220 Boiling Point/Boiling Range data are not required as Fludioxonil Technical is not a liquid at room temperature. 40 CFR § 158.310 (e) (21)
- 11 OPPTS 830.7520 Particle size, Fiber Length, and Diameter Distribution data is not required as Fludioxonil Technical is not water insoluble or fibrous. 40 CFR § 158.310 (e) (14)
- 12 OPPTS 830.7550 Partition Coefficient data is addressed using the liquid chromatography method (OPPTS 830.7570)
- 13 OPPTS 830.7560 Partition Coefficient data is addressed using the liquid chromatography method (OPPTS 830.7570)
- 14 OPPTS 830.7860 Water solubility data is addressed using the shake flask method (OPPTS 830.7840)
- 15 OPPTS 830.7950 Vapor pressure data is not required. Fludioxonil Technical is a solid powder at room temperature and is documented to have low vapor pressure.

Signature	DE 10 10 10 10 10 10 10 10 10 10 10 10 10	Name and Title	Date
- Cigitataro	wer	Nathan P. Ehresman / Product Registration Manager	February 14, 2012

Vapor pressure



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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 835	GROUP A- LABORATORY TRANSPORT		nut brother of a		
835.1110 - 835.1410		CITE-ALL	-	PAY	
	GROUP B- LABORATORY ABIOTIC TRANSFORMATION	Barrier St.			
835.2120 - 835.2410		CITE-ALL		PAY	
	GROUP C- LABORATORY BIOLOGICAL TRANSFORMATION		THE RESERVE OF THE PERSON OF T		
835.3100 - 835.3420	Secretary and a second secretary and a second secon	CITE-ALL		PAY	
	GROUP D- TRANSFORMATION IN WATER AND SOIL		production of the state of the	15 M	
835.4100 - 835.4300		CITE-ALL		PAY	
	GROUP F- TRANSFORMATION IN WATER AND SOIL			4	
835.6100		CITE-ALL		PAY	

Signature		Name and Title	Date
o ignaturo	wer	Nathan P. Ehresman / Product Registration Manager	February 14, 2012



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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 850	GROUP A- AQUATIC FAUNA	F en the			
850.1010 - 850.1950		CITE-ALL		PAY	
<b>医</b> 阿勒尼亚 在原则 生气流 医	GROUP B- TERRESTRIAL WILDLIFE				
850.2100 - 850.2500		CITE-ALL		PAY	
	GROUP C- BENEFICIAL INSECTS & INVERTEBRATES				
850.3020 - 850.3040		CITE-ALL		PAY	
	GROUP D- NONTARGET PLANTS				
850.4000 - 850.4800		CITE-ALL		PAY	
Signed Transport	GROUP E- TOXICITY TO MICROORGANISMS				
850.5100 - 850.5400		CITE-ALL		PAY	

Signature	2 22	Name and Title	Date
	wer	Nathan P. Ehresman / Product Registration Manager	February 14, 2012



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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 860	RESIDUE CHEMISTRY				
860.1300 / 171-4a	Nature of the Residue- Plants (Cereals-Rice)	43080050	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Cereals- Wheat)	43143301	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Potato)	43960410	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Potato)	44703537	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Cotton)	44554201 44554202	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Soybeans)	44554203	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Lettuce)	45821801	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Onions)	44926101	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4b	Nature of the Residue-Livestock (Chicken)	43470602 44382323	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4b	Nature of the Residue-Livestock (Goat)	43470601	SYNGENTA CROP PROTECTION (000100)	OLD	A - 10 4 1 1 1 1
860.1300 / 171-4b	Nature of the Residue-Livestock	43960413	SYNGENTA CROP PROTECTION (000100)	OLD	

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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		43080051	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		
		43080052			
860.1340 / 171-4c	Residue Plant Method and Validation	43080054	SYNGENTA CROP PROTECTION (000100)	OLD	
		43080055			
and the state of the state of	The Part Age State of the Land	43960411			
860.1340 / 171-4c	Residue Plant Method and Validation	44554204	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1340 / 171-4d	Residue Animal Method and Validation	43960412	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4d	Residue Analytical Method (ILV)	43960414	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4d	Residue Animal Method and Validation	48526506 48526507	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1360 / 171-4m	Multiresidue Analytical Method	43080053	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1380 / 171-e	Storage Stability Data	43690403	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1380 / 171-e	Storage Stability Data	44554205	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1380 / 171-e	Storage Stability Data	44382332	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1480 / 171-4j	Magnitude of the Residue (Meat/Milk/Poultry/Eggs)	43960415	SYNGENTA CROP PROTECTION (000100)	OLD	

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	wer	Nathan P. Ehresman / Product Registration Manager	February 14, 2012



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## DATA MATRIX EPA Reg. No./File Symbol: 35935-92 Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Date: February 14, 2012

C/O Nufarm Americas Inc.

150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

**Nufarm Limited** 

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1480 / 171-4j	Magnitude of the Residue (Meat/Milk/Poultry/Eggs)	48526508	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Corn)	43124110	SYNCENTA COOR PROTECTION (000400)	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Corn)	43960416	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sorghum)	40404444	SYMPENTA COOR PROTECTION (000400)	OLD	
860.1520 / 171-4I	Magnitude of the Residue PF (Sorghum)	43960418	43124111 STNGENTA CROF FROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Potato)	43960417	CVALCENTA OPOR PROTECTION (000400)	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Potato)	43960418 SYNGENTA CROP PROTECTION (000100)	OLD		
860.1500 / 171-4k	Magnitude of the Residue RAC (Cotton)	44400000	SYMPENTA COOR PROTECTION (200400)	DAY	
860.1520 / 171-41	Magnitude of the Residue PF (Cotton)	44490802	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Wheat)	44554206	CVALCENTA OPOR PROTECTION (200400)	DAY	
860.1520 / 171-41	Magnitude of the Residue PF (Wheat)	44715108	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Leaf lettuce)	44554207	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Pea)	44554208	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucumber)	44554209	SYNGENTA CROP PROTECTION (000100)	PAY	

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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Radish)	44554210 47161104	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bulb vegetables)	44615602	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Canola)	44703528	OVALORNITA ODOD DDOTEOTION (000400)	PAY	
860.1520 / 171-41	Magnitude of the Residue PF (Canola)	44703530	44703530 SYNGENTA CROP PROTECTION (00010)		
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard)	44702500	OVALORNITA ODOD DDOTEGION (000400)	DAY	
860.1520 / 171-4	Magnitude of the Residue PF (Mustard)	44703529 SYNGENTA CROP PROTECTION (000100)	PAY		
860.1500 / 171-4k	Magnitude of the Residue RAC (Barley)	44745405	CVALCENTA ODOD DDOTECTION (200400)	DAY	
860.1520 / 171-41	Magnitude of the Residue PF (Barley)	44715105	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Carrot)	45682301 45682401 47169310	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Broccoli)	45726001 45726101	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726002 45726102	IR-4 (959857)	PUBLIC	

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Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726102	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Basil)	45795301 45795401	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Chives)	45795302 45795402	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726102	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cabbage)	45839801	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Head/Leaf Lettuce)	45945001 46006701	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, snap)	46014701 46016701	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, dry)	46014702 46016702	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, succulent shelled)	46014703 46016703	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Yam)	46040103	IR-4 (959857)	PUBLIC	

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C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Cantaloupe)	46040104	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Onion, dry / green)	46196501	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Onion, dry / green)	46584601	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Tomato)	47161101	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Parsley)	47161103	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucurbits)	47161106	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sweet potato)	47161108	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Brassica)	47169311	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sweet corn, forage)	47705120	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Field corn, forage, grain, fodder)	47705122	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Pomegranate)	46162302	IR-4 (959857)	PUBLIC	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Oranges, Grapefruits )	46715501	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application lemons)	46715502	SYNGENTA CROP PROTECTION (000100)	PAY	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500/171-4k	Magnitude of the Reside (Post harvest application Pomefruit)	46715503	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Kiwi fruit)	46715504	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Peach and Plum)	46715505	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Cherry)	46715506	SYNGENTA CROP PROTECTION (000100)	PAY	

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C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 870	GROUP A- ACUTE TOXICITY				
870.1100 - 830.2600		CITE-ALL		PAY	
	GROUP B- SUBCHRONIC TOXICITY				
870.3050 – 870.3800		CITE-ALL	-	PAY	
	GROUP C- CHRONIC TOXICITY				
870.4100 – 870.4300		CITE-ALL		PAY	
	GROUP D- GENETIC TOXICITY				
870.5100 – 870.5915		CITE-ALL		PAY	
	GROUP E- NEUROTOXICITY				
870.6100-870.6855		CITE-ALL		PAY	
	GROUP F- SPECIAL STUDIES				
870.7485		CITE-ALL		PAY	

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Olginataro .	wer	Nathan P. Ehresman / Product Registration Manager	February 14, 2012



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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical	

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 875	GROUP A- APPLICATOR EXPOSURE MONITORING	STEEL SHOW IN			
875.1100 – 875.1600		CITE-ALL		PAY	
	GROUP B- POSTAPPLICATION EXPOSURE MONITORING	78.5			
875.2100 – 875.2900		CITE-ALL		PAY	
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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical			
Ingredient: Fludioxonil (PC Code 71503)				

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
LIST OF COMPANIES SENT OF	FER TO PAY FOR USE OF	CITE-ALL METH	OD OF DATA SUPPORT		
		CITE-ALL	SYNGENTA CROP PROTECTION, INC. / 000100	PAY	
		CITE-ALL	OUTDOOR RESIDENTIAL EXPOSURE TASK FORCE, L.L.C. / 071754	OWN	1
		CITE-ALL	WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC. / 000499	PAY	
		CITE-ALL	FIFRA ENDANGERED SPECIES TASK FORCE, L.L.C. / 073989	OWN	1
		CITE-ALL	AGRICULTURAL REENTRY TASK FORCE / 071755	OWN	1
		CITE-ALL	AGRICULTURAL HANDLERS EXPOSURE TASK FORCE / 075234	OWN	1
		CITE-ALL	SPRAY DRIFT TASK FORCE / 066607	OWN	1

#### **FOOTNOTES:**

1 Nufarm Limited is a member of this task force.

Signature	wer	Name and Title Nathan P. Ehresman / Product Registration Manager	Date February 14, 2012



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#### **DATA MATRIX**

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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Ingredient: Fludioxonil (PC Code 71503)

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 830	GROUP A- PRODUCT IDENTITY, COMPOSITION & ANALYSIS	/			
830.1550	Product identity and composition	48424001	Nufarm Limited (035935)	Own	
830.1600	Description of materials used to produce the product	48424001	Nufarm Limited (035935)	Own	
830.1620	Description of production process	48424001	Nufarm Limited (035935)	Own	
830.1650	Description of formulation process	-		N/A	1
830.1670	Discussion of formation of impurities	48424001	Nufarm Limited (035935)	Own	
830.1700	Preliminary analysis	48424002	Nufarm Limited (035935)	Own	
830.1750	Certified limits	48424001	Nufarm Limited (035935)	Own	
830.1800	Enforcement analytical method	48424001	Nufarm Limited (035935)	Own	
830.1900	Submittal of samples		-	N/A	2
	GROUP B- PHYSICAL/CHEMICAL PROPERTIES				
830.6302	Color	48424003	Nufarm Limited (035935)	Own	
830.6303	Physical state	48424003	Nufarm Limited (035935)	Own	
830.6304	Odor	48424003	Nufarm Limited (035935)	Own	
830.6313	Stability to normal and elevated temperatures, metals, and metal ions	48424003	Nufarm Limited (035935)	Own	

Signature	meer	Name and Title Nathan P. Ehresman / Product Registration Manager	Date February 10, 2012

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# DATA MATRIX Date: February 10, 2012 Rufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 Ingredient: Fludioxonil (PC Code 71503)

Nufarm Limited (035935) 830 6314 Oxidation/reduction: chemical incompatibility 48424003 Own 830 6315 N/A 3 Flammability 4 830 6316 Explodability N/A 830.6317 Storage stability N/A 5 6 830.6319 Miscibility N/A 7 830.6320 Corrosion characteristics N/A 8 830.6321 Dielectric breakdown voltage N/A 830,7000 Hq 48424003 Nufarm Limited (035935) Own 830,7050 UV/Visible absorption 48424003 Nufarm Limited (035935) Own 9 830.7100 Viscosity N/A 830,7200 Melting point/melting range 48424003 Nufarm Limited (035935) Own 830,7220 Boiling point/boiling range N/A 10 48424003 Nufarm Limited (035935) Own 830.7300 Density/relative density/bulk density 830.7370 Dissociation constants in water 48424003 Nufarm Limited (035935) Own 830.7520 Particle size, fiber length, and diameter distribution N/A 11 12 830.7550 Partition coefficient (n-octanol/water), shake flask method N/A

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Product Registration Manager	February 10, 2012

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	DATA MATRIX	
Date: February 10, 2012	EPA Reg. No./File Symbol: 35935-92	Page 3 of 15
Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical	

830.7560	Partition coefficient (n-octanol/water), generator column method		4	· N/A	13
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromotography	48424003	Nufarm Limited (035935)	Own	
830.7840	Water solubility: column elution method; shake flask method	48424003	Nufarm Limited (035935)	Own	
830.7860	Water solubility: generator column method	-		N/A	14
830.7950	Vapor pressure	-48424003	Nufarm Limited (035935)	Own-	15

#### Footnotes:

- 1 OPPTS 830.1650 Description of Formulation Process data are not required since Fludioxonil Technical is a technical grade active ingredient and is produced by an integrated process. 40 CFR § 158.310 (e) (3)
- 2 OPPTS 830.1900 Submittal of samples data is not required since a sample of Fludioxonil (PAI) has been provided by the Basic manufacturer. 40 CFR § 158.310 (e) (9.11)
- 3 OPPTS 830.6315 Flammability data are not required since Fludioxonil Technical contains no combustible liquids. 40 CFR § 158.310 (e) (14)
- 4 OPPTS 830.6316 Explodability data are not required as Fludioxonil Technical is not potentially explosive 40 CFR § 158.310 (e) (15)
- 5 OPPTS 830.6317 Storage Stability data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 6 OPPTS 830.6319 Miscibility data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 7 OPPTS 830,6320 Corrosion Characteristics data are not required as Fludioxonil Technical is a TGAI, 40 CFR § 158,310 (e)
- 8 OPPTS 830.6321 Dielectric Breakdown Voltage data are not required as Fludioxonil Technical is a TGAI, 40 CFR § 158.310 (e)
- 9 OPPTS 830,7100 Viscosity data are not required as Fludioxonil Technical is a TGAI, 40 CFR § 158,310 (e)
- 10 OPPTS 830.7220 Boiling Point/Boiling Range data are not required as Fludioxonil Technical is not a liquid at room temperature. 40 CFR § 158.310 (e) (21)
- 11 OPPTS 830.7520 Particle size, Fiber Length, and Diameter Distribution data is not required as Fludioxonil Technical is not water insoluble or fibrous. 40 CFR § 158.310 (e)
- 12 OPPTS 830.7550 Partition Coefficient data is addressed using the liquid chromatography method (OPPTS 830.7570)
- 13 OPPTS 830.7560 Partition Coefficient data is addressed using the liquid chromatography method (OPPTS 830.7570)
- 14 OPPTS 830.7860 Water solubility data is addressed using the shake flask method (OPPTS 830.7840)
- 15 OPPTS 830.7950 Vapor pressure data is not required. Fludioxonil Technical is a solid powder at room temperature and is documented to have low vapor pressure.

Signature 7. PSA	Name and Title	Date	
o.g.i.a.a.o	wer	Nathan P. Ehresman / Product Registration Manager	February 10, 2012

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# DATA MATRIX Date: February 10, 2012 EPA Reg. No./File Symbol: 35935-92 Page 4 of 15 Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 835	GROUP A- LABORATORY TRANSPORT				
835.1110 – 835.1410		CITE-ALL		PAY	
	GROUP B- LABORATORY ABIOTIC TRANSFORMATION				
835.2120 – 835.2410		CITE-ALL		PAY	
	GROUP C- LABORATORY BIOLOGICAL TRANSFORMATION				
835.3100 - 835.3420		CITE-ALL	-	PAY	
	GROUP D- TRANSFORMATION IN WATER AND SOIL			10 E	
835.4100 - 835.4300		CITE-ALL		PAY	
	GROUP F- TRANSFORMATION IN WATER AND SOIL				
835.6100		CITE-ALL		PAY	

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0.9	wer	Nathan P. Ehresman / Product Registration Manager	February 10, 2012



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## Date: February 10, 2012 Page 5 of 15 Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 PAGE. No./File Symbol: 35935-92 Product: Fludioxonil Technical

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 850	GROUP A- AQUATIC FAUNA				
850.1010 - 850.1950		CITE-ALL		PAY	
	GROUP B- TERRESTRIAL WILDLIFE				
850.2100 – 850.2500		CITE-ALL		PAY	
	GROUP C- BENEFICIAL INSECTS & INVERTEBRATES				
850.3020 - 850.3040		CITE-ALL		PAY	
/	GROUP D- NONTARGET PLANTS				
850.4000 - 850.4800		CITE-ALL		PAY	
	GROUP E- TOXICITY TO MICROORGANISMS				
850.5100 – 850.5400		CITE-ALL		PAY	

Signature		Name and Title	Date
o ignituro	wer	Nathan P. Ehresman / Product Registration Manager	February 10, 2012



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#### DATA MATRIX

**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 860	RESIDUE CHEMISTRY				
860.1300 / 171-4a	Nature of the Residue- Plants (Cereals-Rice)	43080050	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Cereals- Wheat)	43143301	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Potato)	43960410	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Potato)	44703537	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Cotton)	44554201 44554202	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Soybeans)	44554203	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Lettuce)	45821801	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Onions)	44926101	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4b	Nature of the Residue-Livestock (Chicken)	43470602 44382323	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4b	Nature of the Residue-Livestock (Goat)	43470601	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4b	Nature of the Residue-Livestock	43960413	SYNGENTA CROP PROTECTION (000100)	OLD	

Signature	Name and Title	Date	
Orginaturo	ner	Nathan P. Ehresman / Product Registration Manager	February 10, 2012



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## DATA MATRIX Date: February 10, 2012 EPA Reg. No./File Symbol: 35935-92 Page 7 of 15 Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340 / 171-4c	Residue Plant Method and Validation	43080051 43080052 43080054 43080055 43960411	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4c	Residue Plant Method and Validation	44554204	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1340 / 171-4d	Residue Animal Method and Validation	43960412	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4d	Residue Analytical Method (ILV)	43960414	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4d	Residue Animal Method and Validation	48526506 48526507	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1360 / 171-4m	Multiresidue Analytical Method	43080053	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1380 / 171-e	Storage Stability Data	43690403	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1380 / 171-e	Storage Stability Data	44554205	SYNGENTA CROP PROTECTION (000100)	PAY	19. 2 %
860.1380 / 171-e	Storage Stability Data	44382332	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1480 / 171-4j	Magnitude of the Residue (Meat/Milk/Poultry/Eggs)	43960415	SYNGENTA CROP PROTECTION (000100)	OLD	

Signature		Name and Title	Date
- Grandian	neer	Nathan P. Ehresman / Product Registration Manager	February 10, 2012

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#### DATA MATRIX

**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1480 / 171-4j	Magnitude of the Residue (Meat/Milk/Poultry/Eggs	48526508	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Corn)	43124110	CVALCENTA CDOD DDOTECTION (000400)	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Corn)	43960416	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sorghum)	42424444	CYNICENTA CDOD DDOTECTION (000400)	OLD	
860.1520 / 171-4I	Magnitude of the Residue PF (Sorghum)	43124111	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Potato)	43960417	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1520 / 171-4I	Magnitude of the Residue PF (Potato)	43960418			
860.1500 / 171-4k	Magnitude of the Residue RAC (Cotton)	44400000	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1520 / 171-4	Magnitude of the Residue PF (Cotton)	44490802			
860.1500 / 171-4k	Magnitude of the Residue RAC (Wheat)	44554206	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1520 / 171-4I	Magnitude of the Residue PF (Wheat)	44715108			
860.1500 / 171-4k	Magnitude of the Residue RAC (Leaf lettuce)	44554207	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Pea)	44554208	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucumber)	44554209	SYNGENTA CROP PROTECTION (000100)	PAY	

Signature

Name and Title
Nathan P. Ehresman / Product Registration Manager

Pebruary 10, 2012

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#### DATA MATRIX

**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Radish)	44554210 47161104	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bulb vegetables)	44615602	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Canola)	44703528 OVAIGENTA CROP PROTECTION (0	CVNCENTA CDOD DDOTECTION (000400)	DAY	
860.1520 / 171-4I	Magnitude of the Residue PF (Canola)	44703530	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard)	44703529	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1520 / 171-4I	Magnitude of the Residue PF (Mustard)				
860.1500 / 171-4k	Magnitude of the Residue RAC (Barley)	14745405	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1520 / 171-41	Magnitude of the Residue PF (Barley)	44715105			
860.1500 / 171-4k	Magnitude of the Residue RAC (Carrot)	45682301 45682401 47169310	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Broccoli)	45726001 45726101	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726002 45726102	IR-4 (959857)	PUBLIC	

Signature

Name and Title
Nathan P. Ehresman / Product Registration Manager

February 10, 2012

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#### DATA MATRIX

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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726102	IR-4 (959857)	PUBLIC	LEE T
860.1500 / 171-4k	Magnitude of the Residue RAC (Basil)	45795301 45795401	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Chives)	45795302 45795402	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726102 £	IR-4 (959857)	PUBLIC	delle
860.1500 / 171-4k	Magnitude of the Residue RAC (Cabbage)	45839801	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Head/Leaf Lettuce)	45945001 46006701	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, snap)	46014701 46016701	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, dry)	46014702 46016702	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, succulent shelled)	46014703 46016703	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Yam)	46040103	IR-4 (959857)	PUBLIC	

Signature	neer	Name and Title	Date	
		Nathan P. Ehresman / Product Registration Manager	February 10, 2012	

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#### DATA MATRIX

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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Cantaloupe)	46040104	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Onion, dry / green)	46196501	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Onion, dry / green)	46584601	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Tomato)	47161101	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Parsley)	47161103	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucurbits)	47161106	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sweetpotato)	47161108	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Brassica)	47169311	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sweet corn, forage)	47705120	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Field corn, forage, grain, fodder)	47705122	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Pomegranate)	46162302	IR-4 (959857)	PUBLIC	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Oranges, Grapefruits )	46715501	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application lemons)	46715502	SYNGENTA CROP PROTECTION (000100)	PAY	

Signature

Name and Title
Nathan P. Ehresman / Product Registration Manager

February 10, 2012

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Ingredient: Fludioxonil (PC Code 71503)

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX					
Date: February 10, 2012	EPA Reg. No./File Symbol: 35935-92	Page 12 of 15			
Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical				

MRID **Guideline Reference Number Guideline Study Name** Submitter Status Note Number Magnitude of the Reside (Post harvest application 860.1500/171-4k 46715503 SYNGENTA CROP PROTECTION (000100) PAY Pomefruit) Magnitude of the Residue (Post harvest application 860.1500/171-4k 46715504 SYNGENTA CROP PROTECTION (000100) PAY Kiwi fruit) Magnitude of the Residue (Post harvest application 860.1500/171-4k 46715505 SYNGENTA CROP PROTECTION (000100) PAY Peach and Plum) Magnitude of the Residue (Post harvest application 46715506 SYNGENTA CROP PROTECTION (000100) PAY 860.1500/171-4k Cherry)

Signature		Name and Title	Date
	wer	Nathan P. Ehresman / Product Registration Manager	February 10, 2012



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# DATA MATRIX Date: February 10, 2012 EPA Reg. No./File Symbol: 35935-92 Page 13 of 15 Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 870	GROUP A- ACUTE TOXICITY				
870.1100 – 830.2600		CITE-ALL		PAY	
	GROUP B- SUBCHRONIC TOXICITY				
870.3050 – 870.3800		CITE-ALL	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	PAY	
	GROUP C- CHRONIC TOXICITY				
870.4100 – 870.4300		CITE-ALL		PAY	
	GROUP D- GENETIC TOXICITY				
870.5100 – 870.5915		CITE-ALL		PAY	
	GROUP E- NEUROTOXICITY				
870.6100-870.6855		CITE-ALL		PAY	NA.
	GROUP F- SPECIAL STUDIES				
870.7485		CITE-ALL		PAY	

Signature	2	Name and Title	Date
	wer	Nathan P. Ehresman / Product Registration Manager	February 10, 2012



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DATA MATRIX		
Date: February 10, 2012	EPA Reg. No./File Symbol: 35935-92	Page 14 of 15
Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical	
Ingredient: Fludioxonil (PC Code 71503)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 875	GROUP A- APPLICATOR EXPOSURE MONITORING				
875.1100 – 875.1600		CITE-ALL		PAY	
	GROUP B- POSTAPPLICATION EXPOSURE MONITORING				
875.2100 – 875.2900		CITE-ALL		PAY	
					117
		<b>数量等项</b>			

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Product Registration Manager	February 10, 2012



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	DATA MATRIX	
Date: February 10, 2012	EPA Reg. No./File Symbol: 35935-92	Page 15 of 15
Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical	
Ingredient: Fludioxonil (PC Code 71503)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
LIST OF COMPANIES SENT OF	FER TO PAY FOR USE OF	CITE-ALL METH	OD OF DATA SUPPORT		
	1	CITE-ALL	SYNGENTA CROP PROTECTION, INC. / 000100	PAY	
	V	CITE-ALL	OUTDOOR RESIDENTIAL EXPOSURE TASK FORCE, L.L.C. / 071754	OWN	1
		CITE-ALL	WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC. / 000499	PAY	
	V	CITE-ALL	FIFRA ENDANGERED SPECIES TASK FORCE, L.L.C. / 073989	OWN	1
	· · · · · · · · · · · · · · · · · · ·	CITE-ALL	AGRICULTURAL REENTRY TASK FORCE / 071755	OWN	1
		CITE-ALL	AGRICULTURAL HANDLERS EXPOSURE TASK FORCE / 075234	OWN	1
	V	CITE-ALL	SPRAY DRIFT TASK FORCE / 066607	OWN	1

#### **FOOTNOTES:**

1 Nufarm Limited is a member of this task force.

Signature		Name and Title	Date
o.g	ner	Nathan P. Ehresman / Product Registration Manager	February 10, 2012



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#### **DATA MATRIX**

Page 1 of 15 Date: January 12, 2012 EPA Reg. No./File Symbol: 35935-92

**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

<b>Guideline Reference Numb</b>	r Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 830	GROUP A- PRODUCT IDENTITY, COMPOSITION & ANALYSIS				
830.1550 _	Product identity and composition 484 24 001	This submission	Nufarm Limited (035935)	Own	
830.1600	Description of materials used to produce the product	This submission	Nufarm Limited (035935)	Own	
830.1620	Description of production process	This submission	Nufarm Limited (035935)	Own	建石值
830.1650	Description of formulation process	-		N/A	1
830.1670 —	Discussion of formation of impurities	This submission	Nufarm Limited (035935)	Own	
830.1700 —	Preliminary analysis	This submission	Nufarm Limited (035935)	Own	
830.1750 -	Certified limits 48424002	This submission	Nufarm Limited (035935)	Own	
830.1800	Enforcement analytical method	This submission	Nufarm Limited (035935)	Own	
830.1900	Submittal of samples	-	-	N/A	2
	GROUP B- PHYSICAL/CHEMICAL PROPERTIES			Co PET	
830.6302	Color	This submission	Nufarm Limited (035935)	Own	
830.6303	Physical state 484 14002	This submission	Nufarm Limited (035935)	Own	
330.6304	Odor	This submission	Nufarm Limited (035935)	Own	
830.6313	Stability to normal and elevated temperatures, metals, and metal ions	This submission	Nufarm Limited (035935)	Own	

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Product Registration Manager	January 12, 2012

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1st Submission : Not acceptable



Ingredient: Fludioxonil (PC Code 71503)

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

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# DATA MATRIX Date: January 12, 2012 EPA Reg. No./File Symbol: 35935-92 Page 2 of 15 Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 Product: Fludioxonil Technical

830.6314 Oxidation/reduction: chemical incompatibility This submission Nufarm Limited (035935) Own 830.6315 Flammability N/A 3 830.6316 Explodability N/A 4 5 830.6317 Storage stability N/A --6 830.6319 Miscibility N/A --7 830.6320 Corrosion characteristics N/A --8 830.6321 Dielectric breakdown voltage N/A 830,7000 This submission Nufarm Limited (035935) Own Hq 830.7050 . UV/Visible absorption This submission Nufarm Limited (035935) Own 830,7100 Viscosity N/A 9 830,7200 Melting point/melting range This submission Nufarm Limited (035935) Own 830,7220 Boiling point/boiling range N/A 10 830,7300 Nufarm Limited (035935) Density/relative density/bulk density This submission Own 830.7370 Nufarm Limited (035935) Own Dissociation constants in water This submission 830.7520 Particle size, fiber length, and diameter distribution N/A 11 N/A 12 830.7550 Partition coefficient (n-octanol/water), shake flask method

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Product Registration Manager	January 12, 2012



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EPA Reg. No./File Symbol: 35935-92	Page 3 of 15
Product: Fludioxonil Technical	

830.7560		Partition coefficient (n-octanol/water), generator column method	-	-	N/A	13
830.7570		Partition coefficient (n-octanol/water), estimation by liquid chromotography	This submission	Nufarm Limited (035935)	Own	
830.7840	210	Water solubility: column elution method; shake flask method	-This submission	Nufarm Limited (035935)	Own	
830.7860		Water solubility: generator column method	-		N/A	14
830.7950		Vapor pressure		Nufarm Limited (035935)	Own	ine .

#### Footnotes:

- 1 OPPTS 830.1650 Description of Formulation Process data are not required since Fludioxonil Technical is a technical grade active ingredient and is produced by an integrated process. 40 CFR § 158.310 (e) (3)
- 2 OPPTS 830.1900 Submittal of samples data is not required since a sample of Fludioxonil (PAI) has been provided by the Basic manufacturer. 40 CFR § 158.310 (e) (9.11)
- 3 OPPTS 830.6315 Flammability data are not required since Fludioxonil Technical contains no combustible liquids. 40 CFR § 158.310 (e) (14)
- 4 OPPTS 830.6316 Explodability data are not required as Fludioxonil Technical is not potentially explosive 40 CFR § 158.310 (e) (15)
- 5 OPPTS 830.6317 Storage Stability data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 6 OPPTS 830.6319 Miscibility data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 7 OPPTS 830.6320 Corrosion Characteristics data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 8 OPPTS 830.6321 Dielectric Breakdown Voltage data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 9 OPPTS 830.7100 Viscosity data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 10 OPPTS 830.7220 Boiling Point/Boiling Range data are not required as Fludioxonil Technical is not a liquid at room temperature. 40 CFR § 158.310 (e) (21)
- 11 OPPTS 830.7520 Particle size, Fiber Length, and Diameter Distribution data is not required as Fludioxonil Technical is not water insoluble or fibrous. 40 CFR § 158.310 (e) (14)
- 12 OPPTS 830.7550 Partition Coefficient data is addressed using the liquid chromatography method (OPPTS 830.7570)
- 13 OPPTS 830.7560 Partition Coefficient data is addressed using the liquid chromatography method (OPPTS 830.7570)
- 14 OPPTS 830.7860 Water solubility data is addressed using the shake flask method (OPPTS 830.7840)
- 15 OPPTS 830.7950 Vapor pressure data is not required. Fludioxonil Technical is a solid powder at room temperature and is documented to have low vapor pressure.

Signature		Name and Title	Date
Oignature	nen	Nathan P. Ehresman / Product Registration Manager	January 12, 2012



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#### DATA MATRIX

Date: January 12, 2012

EPA Reg. No./File Symbol:

35935-92

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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200

Burr Ridge, IL 60527

Product: Fludioxonil Technical

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 835	GROUP A- LABORATORY TRANSPORT				
835.1110 - 835.1410		CITE-ALL		PAY	
	GROUP B- LABORATORY ABIOTIC TRANSFORMATION				
835.2120 - 835.2410		CITE-ALL		PAY	
	GROUP C- LABORATORY BIOLOGICAL TRANSFORMATION				
835.3100 - 835.3420		CITE-ALL		PAY	
	GROUP D-TRANSFORMATION IN WATER AND SOIL				-
835.4100 - 835.4300		CITE-ALL		PAY	
	GROUP F- TRANSFORMATION IN WATER AND SOIL				
835.6100		CITE-ALL		PAY	1

Signature		Name and Title	Date
her	her	Nathan P. Ehresman / Product Registration Manager	January 12, 2012



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# DATA MATRIX Date: January 12, 2012 EPA Reg. No./File Symbol: 35935-92 Page 5 of 15 Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 Product: Fludioxonil Technical

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 850	GROUP A- AQUATIC FAUNA				
850.1010 - 850.1950		CITE-ALL	-	PAY	
	GROUP B- TERRESTRIAL WILDLIFE				
850.2100 – 850.2500		CITE-ALL		PAY	
	GROUP C- BENEFICIAL INSECTS & INVERTEBRATES				
850.3020 - 850.3040		CITE-ALL	-1	PAY	
	GROUP D- NONTARGET PLANTS				
850.4000 - 850.4800		CITE-ALL		PAY	
	GROUP E- TOXICITY TO MICROORGANISMS				
850.5100 - 850.5400		CITE-ALL		PAY	

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Product Registration Manager	January 12, 2012



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#### DATA MATRIX

**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 860	RESIDUE CHEMISTRY				
860.1300 / 171-4a	Nature of the Residue- Plants (Cereals-Rice)	43080050	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Cereals- Wheat)	43143301	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Potato)	43960410	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Potato)	44703537	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Cotton)	44554201 44554202	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Soybeans)	44554203	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Lettuce)	45821801	SYNGENTA CROP PROTECTION (000100)	PAY	She will
860.1300 / 171-4a	Nature of the Residue-Plants (Onions)	44926101	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4b	Nature of the Residue-Livestock (Chicken)	43470602 44382323	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4b	Nature of the Residue-Livestock (Goat)	43470601	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4b	Nature of the Residue-Livestock	43960413	SYNGENTA CROP PROTECTION (000100)	OLD	

Signature 225	Name and Title Nathan P. Ehresman / Product Registration Manager	Date January 12, 2012
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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340 / 171-4c	Residue Plant Method and Validation	43080051 43080052 43080054 43080055 43960411	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4c	Residue Plant Method and Validation	44554204	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1340 / 171-4d	Residue Animal Method and Validation	43960412	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4d	Residue Analytical Method (ILV)	43960414	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4d	Residue Animal Method and Validation	48526506 48526507	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1360 / 171-4m	Multiresidue Analytical Method	43080053	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1380 / 171-e	Storage Stability Data	43690403	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1380 / 171-e	Storage Stability Data	44554205	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1380 / 171-e	Storage Stability Data	44382332	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1480 / 171-4j	Magnitude of the Residue (Meat/Milk/Poultry/Eggs)	43960415	SYNGENTA CROP PROTECTION (000100)	OLD	

Signature		Name and Title	Date	
	Nathan P. Ehresman / Product Registration Manager	January 12, 2012		



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#### DATA MATRIX

Page 8 of 15 Date: January 12, 2012 EPA Reg. No./File Symbol: 35935-42

Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Produc	t: Fludioxonil	rechnical ?		
Ingredient: Fludioxonil (PC Cod	de 71503)	ion ". w	my sul.		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1480 / 171-4j	Magnitude of the Residue (Meat/Milk/Poultry/Eggs) √	48526508	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Corn)	43124110	CVALCENTA ODOD DDOTECTION (000400)	OLD	
860.1520 / 171-4I	Magnitude of the Residue PF (Corn)	43960416	SYNGENTA CROP PROTECTION (000100)	OLD	-
860.1500 / 171-4k	Magnitude of the Residue RAC (Sorghum)	40404444	CVALCENTA CROP PROTECTION (000400)	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Sorghum)	43124111	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Potato)	43960417	CVALCENTA CDOD DDOTECTION (000400)	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Potato)	43960418	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cotton)	44400000	OVALORATA ODOD DDOTECTION (000400)	DAY	
860.1520 / 171-4I	Magnitude of the Residue PF (Cotton)	44490802	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Wheat)	44554206	SYNGENTA COOR PROTECTION (200420)	DAY	
860.1520 / 171-4I	Magnitude of the Residue PF (Wheat)	44715108	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Leaf lettuce)	44554207	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Pea)	44554208	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucumber)	44554209	SYNGENTA CROP PROTECTION (000100)	PAY	

Signature		Name and Title	Date
WES .	Nathan P. Ehresman / Product Registration Manager	January 12, 2012	



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Date: January 12, 2012

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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Radish)	44554210 47161104	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bulb vegetables)	44615602	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Canola)	44703528	CANCENTA COOR DEOTECTION (000400)	PAY	
860.1520 / 171-41	Magnitude of the Residue PF (Canola)	44703530	SYNGENTA CROP PROTECTION (000100)	PAT	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard)	44703529	SANCENTA COOR DEOTECTION (000100)	PAY	
860.1520 / 171-41	Magnitude of the Residue PF (Mustard)	44703529	SYNGENTA CROP PROTECTION (000100)	PAT	
860.1500 / 171-4k	Magnitude of the Residue RAC (Barley)	44715105	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1520 / 171-41	Magnitude of the Residue PF (Barley)	447 15 105	STINGENTA CROP PROTECTION (000100)	FAI	
860.1500 / 171-4k	Magnitude of the Residue RAC (Carrot)	45682301 45682401 47169310	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Broccoli)	45726001	IR-4 (959857)	PUBLIC	Page 1
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726002 45726102	IR-4 (959857)	PUBLIC	

Signature

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Name and Title

Nathan P. Ehresman / Product Registration Manager

Date

January 12, 2012

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#### DATA MATRIX

Date: January 12, 2012 EPA Reg. No./File Symbol: 35935-92 Page 10 of 15

Nufarm Limited

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Broccoli)	45726001 45726101	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726102	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Basil)	45795301 45795401	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Chives)	45795302 45795402	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726102	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cabbage)	45839801	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Head/Leaf Lettuce)	45945001 46006701	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, snap)	46014701 46016701	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, dry)	46014702 46016702	IR-4 (959857)	PUBLIC	

Signature 225	Name and Title Nathan P. Ehresman / Product Registration Manager	Date January 12, 2012
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#### DATA MATRIX

Date: January 12, 2012 EPA Reg. No./File Symbol: 35935-92 Page 11 of 15

Nufarm Limited

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, succulent shelled)	460147,03 46016703	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Yam)	46040103	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cantaloupe)	46040104	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Onion, dry / green)	46196501	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Onion, dry / green)	46584601	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Tomato)	47161101	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Parsley)	47161103	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucurbits)	47161106	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sweetpotato)	47161108	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Brassica)	47169311	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sweet corn, forage)	47705120	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Field corn, forage, grain, fodder)	47705122	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Oranges, Grapefruits)	46715501	SYNGENTA CROP PROTECTION (000100)	PAY	

Signature		Name and Title	Date
	meen	Nathan P. Ehresman / Product Registration Manager	January 12, 2012

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#### DATA MATRIX

Date: January 12, 2012 EPA Reg. No./File Symbol: 35935-92 Page 12 of 15

**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500/171-4k	Magnitude of the Residue (Post harvest application lemons) Pep. Com. For C (2)	46715502	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Reside (Post harvest application Pomefruit)?	46715503	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Kiwi fruit)	46715504	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Peach and Plum) Rep. Comfor C. G. 12	46715505	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500/171-4k	Magnitude of the Residue (Post harvest application Cherry)	46715506	SYNGENTA CROP PROTECTION (000100)	PAY	

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Signature

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Name and Title

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Date

January 12, 2012



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# DATA MATRIX Date: January 12, 2012 EPA Reg. No./File Symbol: 35935-92 Page 13 of 15 Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 Product: Fludioxonil Technical

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 870	GROUP A- ACUTE TOXICITY				Digital.
870.1100 - 830.2600		CITE-ALL		PAY	
	GROUP B- SUBCHRONIC TOXICITY				
870.3050 - 870.3800		CITE-ALL		PAY	
	GROUP C- CHRONIC TOXICITY				
870.4100 - 870.4300		CITE-ALL		PAY	Arigal
	GROUP D- GENETIC TOXICITY				
870.5100 - 870.5915		CITE-ALL		PAY	
	GROUP E- NEUROTOXICITY				
870.6100-870.6855		CITE-ALL		PAY	
	GROUP F- SPECIAL STUDIES				
870.7485		CITE-ALL		PAY	

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# DATA MATRIX Date: January 12, 2012 Rufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number Guideline Study Name MRID Number Submitter Status Note

OPPTS SERIES 875 GROUP A- APPLICATOR EXPOSURE MONITORING

875.1100 – 875.1600 CITE-ALL - PAY

GROUP B- POSTAPPLICATION EXPOSURE MONITORING

CITE-ALL - PAY

PAY

Signature		Name and Title	Date
orginaturo	wer	Nathan P. Ehresman / Product Registration Manager	January 12, 2012



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	DATA MATRIX	
Date: January 12, 2012	EPA Reg. No./File Symbol: 35935-52	Page 15 of 15
Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical	

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
LIST OF COMPANIES SENT OF	FER TO PAY FOR USE OF	CITE-ALL METH	OD OF DATA SUPPORT		
		CITE-ALL	SYNGENTA CROP PROTECTION, INC. / 000100	PAY	
		CITE-ALL	OUTDOOR RESIDENTIAL EXPOSURE TASK FORCE, L.L.C. / 071754	OWN	1
	• •	CITE-ALL	WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC. / 000499	PAY	
		CITE-ALL	FIFRA ENDANGERED SPECIES TASK FORCE, L.L.C. / 073989	OWN	1
	· v	CITE-ALL	AGRICULTURAL REENTRY TASK FORCE / 071755	OWN	1
		CITE-ALL	AGRICULTURAL HANDLERS EXPOSURE TASK FORCE / 075234	OWN	1
	• V	CITE-ALL	SPRAY DRIFT TASK FORCE / 066607	OWN	1
		7 4mo	Andersono Lawn Fartiliner Dir/9198		

#### **FOOTNOTES:**

1 Nufarm Limited is a member of this task force.

Signature

ween

Name and Title

Nathan P. Ehresman / Product Registration Manager

Date

January 12, 2012



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#### DATA MATRIX

Date: September 22, 2011 EPA Reg. No./File Symbol: 35935-OE Page 1 of 14

**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 830	GROUP A- PRODUCT IDENTITY, COMPOSITION & ANALYSIS				
830.1550	Product identity and composition	This submission	Nufarm Limited (035935)	Own	
830.1600	Description of materials used to produce the product	This submission	Nufarm Limited (035935)	Own	
830.1620	Description of production process	This submission	Nufarm Limited (035935)	Own	
830.1650	Description of formulation process	_	_	N/A	1
830.1670	Discussion of formation of impurities	This submission '	Nufarm Limited (035935)	Own	
830.1700	Preliminary analysis	This submission	Nufarm Limited (035935)	Own	
830.1750	Certified limits	This submission	Nufarm Limited (035935)	Own	
830.1800	Enforcement analytical method	This submission	Nufarm Limited (035935)	Own	
830.1900	Submittal of samples	-		N/A	2
	GROUP B- PHYSICAL/CHEMICAL PROPERTIES				
830.6302	Color	This submission	Nufarm Limited (035935)	Own	
830.6303	Physical state	This submission	Nufarm Limited (035935)	Own	
830.6304	Odor	This submission	Nufarm Limited (035935)	Own	
830.6313	Stability to normal and elevated temperatures, metals, and metal ions	This submission	Nufarm Limited (035935)	Own	

Signature		Name and Title	Date
Signature	wer	Nathan P. Ehresman / Product Registration Manager	September 22, 2011



830,7220

830.7300

830,7370

830.7520

830.7550

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

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EPA Reg. No./File Symbol: 35935-OE	Page 2 of 14
Product: Fludioxonil Technical	
	Product: Fludioxonil Technical

830.6314 Oxidation/reduction: chemical incompatibility This submission Nufarm Limited (035935) Own 830.6315 N/A 3 Flammability 830.6316 Explodability N/A 4 830.6317 Storage stability N/A 5 830.6319 Miscibility N/A 6 7 830.6320 Corrosion characteristics N/A 8 830.6321 Dielectric breakdown voltage N/A 830.7000 Hq This submission Nufarm Limited (035935) Own 830.7050 UV/Visible absorption Nufarm Limited (035935) Own This submission 9 830.7100 Viscosity N/A 830,7200 Nufarm Limited (035935) Melting point/melting range This submission Own

Signature		Name and Title	Date
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Boiling point/boiling range

Density/relative density/bulk density

Particle size, fiber length, and diameter distribution

Partition coefficient (n-octanol/water), shake flask method

Dissociation constants in water

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Nufarm Limited (035935)

Nufarm Limited (035935)

This submission

This submission



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DATA MATRIX				
Date: September 22, 2011	EPA Reg. No./File Symbol: 35935-OE	Page 3 of 14		
Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical			
Ingredient: Fludioxonil (PC Code 71503)				

830.7560	Partition coefficient (n-octanol/water), generator column method	-		N/A	13
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromotography	This submission	Nufarm Limited (035935)	Own	
830.7840	Water solubility: column elution method; shake flask method	This submission	Nufarm Limited (035935)	Own	
830.7860	Water solubility: generator column method			N/A	14
830.7950	Vapor pressure		Nufarm Limited (035935)	Own	16 16 5

#### Footnotes:

- 1 OPPTS 830.1650 Description of Formulation Process data are not required since Fludioxonil Technical is a technical grade active ingredient and is produced by an integrated process. 40 CFR § 158.310 (e) (3)
- 2 OPPTS 830.1900 Submittal of samples data is not required since a sample of Fludioxonil (PAI) has been provided by the Basic manufacturer. 40 CFR § 158.310 (e) (9.11)
- 3 OPPTS 830.6315 Flammability data are not required since Fludioxonil Technical contains no combustible liquids. 40 CFR § 158.310 (e) (14)
- 4 OPPTS 830.6316 Explodability data are not required as Fludioxonil Technical is not potentially explosive 40 CFR § 158.310 (e) (15)
- 5 OPPTS 830.6317 Storage Stability data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 6 OPPTS 830.6319 Miscibility data are not required as Fludioxonil Technical is a TGAL 40 CFR § 158.310 (e)
- 7 OPPTS 830.6320 Corrosion Characteristics data are not required as Fludioxonil Technical is a TGAI, 40 CFR § 158.310 (e)
- 8 OPPTS 830.6321 Dielectric Breakdown Voltage data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 9 OPPTS 830,7100 Viscosity data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158,310 (e)
- 10 OPPTS 830,7220 Boiling Point/Boiling Range data are not required as Fludioxonil Technical is not a liquid at room temperature. 40 CFR § 158,310 (e) (21)
- 11 OPPTS 830.7520 Particle size, Fiber Length, and Diameter Distribution data is not required as Fludioxonil Technical is not water insoluble or fibrous. 40 CFR § 158.310 (e) (14)
- 12 OPPTS 830.7550 Partition Coefficient data is addressed using the liquid chromatography method (OPPTS 830.7570)
- 13 OPPTS 830.7560 Partition Coefficient data is addressed using the liquid chromatography method (OPPTS 830.7570)
- 14 OPPTS 830.7860 Water solubility data is addressed using the shake flask method (OPPTS 830.7840)
- 15 OPPTS 830.7950 Vapor pressure data is not required. Fludioxonil Technical is a solid powder at room temperature and is documented to have low vapor pressure.

Signature		Name and Title	Date
	her		September 22, 2011

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# DATA MATRIX Date: September 22, 2011 EPA Reg. No./File Symbol: 35935-OE Page 4 of 14 Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 835	GROUP A- LABORATORY TRANSPORT				
835.1110 - 835.1410		CITE-ALL	A + 51 -	PAY	
	GROUP B- LABORATORY ABIOTIC TRANSFORMATION				
835.2120 - 835.2410		CITE-ALL		PAY	
	GROUP C-LABORATORY BIOLOGICAL TRANSFORMATION				
835.3100 - 835.3420		CITE-ALL		PAY	
	GROUP D-TRANSFORMATION IN WATER AND SOIL				
835.4100 - 835.4300		CITE-ALL		PAY	
	GROUP F- TRANSFORMATION IN WATER AND SOIL				
835.6100		CITE-ALL	-	PAY	

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Product Registration Manager	September 22, 2011



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# Date: September 22, 2011 EPA Reg. No./File Symbol: 35935-OE Page 5 of 14 Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 850	GROUP A- AQUATIC FAUNA				
850.1010 - 850.1950	Control of the second	CITE-ALL		PAY	
	GROUP B- TERRESTRIAL WILDLIFE				
850.2100 - 850.2500		CITE-ALL		PAY	
	GROUP C- BENEFICIAL INSECTS & INVERTEBRATES				
850.3020 - 850.3040		CITE-ALL	ALEXA - NATE	PAY	
	GROUP D- NONTARGET PLANTS				W- 1
850.4000 - 850.4800		CITE-ALL		PAY	
	GROUP E- TOXICITY TO MICROORGANISMS				
850.5100 - 850.5400		CITE-ALL		PAY	

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Product Registration Manager	September 22, 2011



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#### DATA MATRIX

Date: September 22, 2011 EPA Reg. No./File Symbol: 35935-OE Page 6 of 14

**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 860	RESIDUE CHEMISTRY			3.55	
860.1300 / 171-4a	Nature of the Residue- Plants (Cereals-Rice)	43080050	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Cereals- Wheat)	43143301	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Potato)	43960410	SYNGENTA CROP PROTECTION (000100)	OLD	No.
860.1300 / 171-4a	Nature of the Residue-Plants (Potato)	44703537	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Cotton)	44554201 44554202	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Soybeans)	44554203	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Lettuce)	45821801	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Onions)	44926107	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4b	Nature of the Residue-Livestock (Chicken)	<del>-43470602</del> 44382323	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4b	Nature of the Residue-Livestock (Goat)	_43470601	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4b	Nature of the Residue-Livestock	43960413	SYNGENTA CROP PROTECTION (000100)	OLD	

Signature		Name and Title	Date
o ignaturo	nen	Nathan P. Ehresman / Product Registration Manager	September 22, 2011



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# DATA MATRIX Date: September 22, 2011 Rufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 DATA MATRIX EPA Reg. No./File Symbol: 35935-OE Page 7 of 14 Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340 / 171-4c	Residue Plant Method and Validation	43080051 43080052 43080054 43080055 43960411	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4c	Residue Plant Method and Validation	44554204	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1340 / 171-4d	Residue Animal Method and Validation	43960412	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4d	Residue Analytical Method (ILV)	43960414	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1360 / 171-4m	Multiresidue Analytical Method	43080053	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1380 / 171-e	Storage Stability Data	43690403	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1380 / 171-e	Storage Stability Data	44554205	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1380 / 171-e	Storage Stability Data	44382332	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1480 / 171-4j	Magnitude of the Residue (Meat/Milk/Poultry/Eggs)	43960415	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Corn)	43124110	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Corn)	43960416	STINGENTA CROF FROTECTION (000100)	OLD	F 19

Signature		Name and Title	Date
Cignataro	nen	Nathan P. Ehresman / Product Registration Manager	September 22, 2011

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#### DATA MATRIX

Date: September 22, 2011 EPA Reg. No./File Symbol: 35935-OE Page 8 of 14

**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Sorghum)	-12121111	CVALCENTA CROP PROTECTION (000400)	OLD	
860.1520 / 171-4I	Magnitude of the Residue PF (Sorghum)	43124111	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Potato)	43960417	CVALCENTA CROP PROTECTION (000400)	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Potato)	43960418 SYNGENTA CROP PROTECTION (000100)		OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cotton)	44400000	44490802 SYNGENTA CROP PROTECTION (000100)		
860.1520 / 171-41	Magnitude of the Residue PF (Cotton)	44490802			
860.1500 / 171-4k	Magnitude of the Residue RAC (Wheat)	44554206	SYNCENTA CROP PROTECTION (000100)	PAY	
860.1520 / 171-4I	Magnitude of the Residue PF (Wheat)	44715108	SYNGENTA CROP PROTECTION (000100)		
860.1500 / 171-4k	Magnitude of the Residue RAC (Leaf lettuce)	44554207	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Pea)	-44554208	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucumber)	44554209	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Radish)	44554210 -47161104	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bulb vegetables)	-44615602 -	SYNGENTA CROP PROTECTION (000100)	PAY	2000年

Signature 2005		Name and Title	Date	
	Nathan P. Ehresman / Product Registration Manager	September 22, 2011		



**Nufarm Limited** 

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# DATA MATRIX EPA Reg. No./File Symbol: 35935-OE Page 9 of 14 Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Date: September 22, 2011

C/O Nufarm Americas Inc.

150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Canola)	44703528	CVALCENTA CDOD DDOTECTION (000400)	DAY	
860.1520 / 171-4I	Magnitude of the Residue PF (Canola)	44703530 SYNGENTA CROP PROTECTION (000100)		PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard)	44703520 SYNCENTA CROP PROTECTION (000400)		541/	
860.1520 / 171-41	Magnitude of the Residue PF (Mustard)	44703529	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Barley)			PAY	
860.1520 / 171-41	Magnitude of the Residue PF (Barley)	44715105	105 SYNGENTA CROP PROTECTION (000100)		
860.1500 / 171-4k	Magnitude of the Residue RAC (Carrot)	45682301 45682401 47169310	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Broccoli)	45726001	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726002 45726102	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Broccoli)	45726001 -45726101	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726102	IR-4 (959857)	PUBLIC	

Signature	2-251	Name and Title Nathan P. Ehresman / Product Registration Manager	Date September 22, 2011

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#### DATA MATRIX

Date: September 22, 2011 EPA Reg. No./File Symbol: 35935-OE Page 10 of 14

**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Basil)	45795301 45795401	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Chives)	45795302 45795402	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726102	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cabbage)	45839801	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Head/Leaf Lettuce)	45945001 46006701	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, snap)	46014701 46016701	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, dry)	46014702 46016702	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, succulent shelled)	46014703 46016703	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Yam)	46040103	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cantaloupe)	46040104	. IR-4 (959857)	PUBLIC	

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WE EN	Nathan P. Ehresman / Product Registration Manager	September 22, 2011	



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Nufarm Limited

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Onion, dry / green)	46196501	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Onion, dry / green)	46584601	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Tomato)	47161101	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Parsley)	47161103	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucurbits)	47161106	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sweetpotato)	47161108	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Brassica)	47169311	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sweet corn, forage)	47705120	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Field corn, forage, grain, fodder)	47705122	SYNGENTA CROP PROTECTION (000100)	PAY	

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WE EN	Nathan P. Ehresman / Product Registration Manager	September 22, 2011	



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# DATA MATRIX Date: September 22, 2011 EPA Reg. No./File Symbol: 35935-OE Page 12 of 14 Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 Product: Fludioxonil Technical

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 870	GROUP A- ACUTE TOXICITY				
870.1100 - 830.2600		CITE-ALL		PAY	
	GROUP B- SUBCHRONIC TOXICITY				
870.3050 - 870.3800		CITE-ALL		PAY	
	GROUP C- CHRONIC TOXICITY				
870.4100 - 870.4300		CITE-ALL		PAY	
	GROUP D- GENETIC TOXICITY				
870.5100 - 870.5915		CITE-ALL		PAY	
	GROUP E- NEUROTOXICITY				
870.6100-870.6855		CITE-ALL		PAY	
	GROUP F- SPECIAL STUDIES				
870.7485		CITE-ALL		PAY	

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Product Registration Manager	September 22, 2011



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DATA MATRIX				
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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical			
Ingredient: Fludioxonil (PC Code 71503)				

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 875	GROUP A- APPLICATOR EXPOSURE MONITORING			ACT CLASS	
875.1100 - 875.1600		CITE-ALL	THE THE PLAN	PAY	
	GROUP B- POSTAPPLICATION EXPOSURE MONITORING				
875.2100 - 875.2900		CITE-ALL	-	PAY	
		BARRIE -5			
				Life I Live Sale	فتالنا

Signature		Name and Title	Date
Oiginate o	wer	Nathan P. Ehresman / Product Registration Manager	September 22, 2011



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DATA MATRIX				
Date: September 22, 2011	EPA Reg. No./File Symbol: 35935-OE	Page 14 of 14		
Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical			
Ingredient: Fludioxonil (PC Code 71503)				

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
LIST OF COMPANIES SENT OF	FER TO PAY FOR USE OF	CITE-ALL METH	OD OF DATA SUPPORT		
		CITE-ALL	SYNGENTA CROP PROTECTION, INC. / 000100	PAY	
		CITE-ALL	OUTDOOR RESIDENTIAL EXPOSURE TASK FORCE, L.L.C. / 071754	OWN	1
		CITE-ALL	WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC. / 000499	PAY	
		CITE-ALL	FIFRA ENDANGERED SPECIES TASK FORCE, L.L.C. / 073989	OWN	1
	Transaction of	CITE-ALL	AGRICULTURAL REENTRY TASK FORCE / 071755	OWN	1
		CITE-ALL	AGRICULTURAL HANDLERS EXPOSURE TASK FORCE / 075234	OWN	1
		CITE-ALL	SPRAY DRIFT TASK FORCE / 066607	OWN	1
		3 4 5 5 7 70			

#### FOOTNOTES:

1 Nufarm Limited is a member of this task force.

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Product Registration Manager	September 22, 2011



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	DATA MATRIX	••• ••
Date: March 15, 2011	EPA Reg. No./File Symbol: 35935	Page 1 of 14
Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical	

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 830	GROUP A- PRODUCT IDENTITY, COMPOSITION & ANALYSIS				
830.1550	Product identity and composition	This submission	Nufarm Limited (035935)	Own	
830.1600	Description of materials used to produce the product	This submission	Nufarm Limited (035935)	Own	
830.1620	Description of production process	This submission	Nufarm Limited (035935)	Own	
830.1650	Description of formulation process	-		N/A	1
830.1670	Discussion of formation of impurities	This submission	Nufarm Limited (035935)	Own	
830.1700	Preliminary analysis	This submission	Nufarm Limited (035935)	Own	
830.1750	Certified limits	This submission	Nufarm Limited (035935)	Own	
830.1800	Enforcement analytical method	This submission	Nufarm Limited (035935)	Own	
830.1900	Submittal of samples			N/A	2
	GROUP B- PHYSICAL/CHEMICAL PROPERTIES			9793	
830.6302	Color	This submission	Nufarm Limited (035935)	Own	
830.6303	Physical state	This submission	Nufarm Limited (035935)	Own	
830.6304	Odor	This submission	Nufarm Limited (035935)	Own	
830.6313	Stability to normal and elevated temperatures, metals, and metal ions	This submission	Nufarm Limited (035935)	Own	

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Product Registration Manager	March 15, 2011

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Ingredient: Fludioxonil (PC Code 71503)

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# DATA MATRIX Date: March 15, 2011 Rufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 Page 1 of 1 Product: Fludioxonil Technical

Guideline Reference Number Guideline Study Name MRID Number Submitter Status Note

Signature	2 00-	Name and Title	Date
	wer	Nathan P. Ehresman / Product Registration Manager	March 15, 2011



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Nufarm Limited

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

830.6314	Oxidation/reduction: chemical incompatibility	This submission	Nufarm Limited (035935)	Own	
830.6315	Flammability		-	N/A	3
830.6316	Explodability			N/A	4
830.6317	Storage stability		-	N/A	5
830.6319	Miscibility		7. F.	N/A	6
830.6320	Corrosion characteristics	-	-	N/A	7
830.6321	Dielectric breakdown voltage	- 1		N/A	8
830.7000	рН	This submission	Nufarm Limited (035935)	Own	
830.7050	UV/Visible absorption	This submission	Nufarm Limited (035935)	Own	
830.7100	Viscosity		-	N/A	9
830.7200	Melting point/melting range	This submission	Nufarm Limited (035935)	Own	
830.7220	Boiling point/boiling range		- 7	N/A	10
830.7300	Density/relative density/bulk density	This submission	Nufarm Limited (035935)	Own	
830.7370	Dissociation constants in water	This submission	Nufarm Limited (035935)	Own	
830.7520	Particle size, fiber length, and diameter distribution		-	N/A	11
830.7550	Partition coefficient (n-octanol/water), shake flask method			N/A	12

Signature		Name and Title	Date
West .	Nathan P. Ehresman / Product Registration Manager	March 15, 2011	



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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical	

Ingredient: Fludioxonil (PC Code 71503)

830.7560	Partition coefficient (n-octanol/water), generator column method			N/A	13
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromotography	This submission	Nufarm Limited (035935)	Own	
830.7840	Water solubility: column elution method; shake flask method	This submission	Nufarm Limited (035935)	Own	
830.7860	Water solubility: generator column method			N/A	14
830.7950	Vapor pressure		Nufarm Limited (035935)	Own	

#### Footnotes:

- 1 OPPTS 830.1650 Description of Formulation Process data are not required since Fludioxonil Technical is a technical grade active ingredient and is produced by an integrated process. 40 CFR § 158.310 (e) (3)
- 2 OPPTS 830.1900 Submittal of samples data is not required since a sample of Fludioxonil (PAI) has been provided by the Basic manufacturer. 40 CFR § 158.310 (e) (9.11)
- 3 OPPTS 830.6315 Flammability data are not required since Fludioxonil Technical contains no combustible liquids. 40 CFR § 158.310 (e) (14)
- 4 OPPTS 830.6316 Explodability data are not required as Fludioxonil Technical is not potentially explosive 40 CFR § 158.310 (e) (15)
- 5 OPPTS 830.6317 Storage Stability data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 6 OPPTS 830.6319 Miscibility data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 7 OPPTS 830.6320 Corrosion Characteristics data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 8 OPPTS 830.6321 Dielectric Breakdown Voltage data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 9 OPPTS 830.7100 Viscosity data are not required as Fludioxonil Technical is a TGAI. 40 CFR § 158.310 (e)
- 10 OPPTS 830.7220 Boiling Point/Boiling Range data are not required as Fludioxonil Technical is not a liquid at room temperature. 40 CFR § 158.310 (e) (21)
- 11 OPPTS 830.7520 Particle size, Fiber Length, and Diameter Distribution data is not required as Fludioxonil Technical is not water insoluble or fibrous. 40 CFR § 158.310 (e) (14)
- 12 OPPTS 830.7550 Partition Coefficient data is addressed using the liquid chromatography method (OPPTS 830.7570)
- 13 OPPTS 830.7560 Partition Coefficient data is addressed using the liquid chromatography method (OPPTS 830.7570)
- 14 OPPTS 830.7860 Water solubility data is addressed using the shake flask method (OPPTS 830.7840)
- 15 OPPTS 830.7950 Vapor pressure data is not required. Fludioxonil Technical is a solid powder at room temperature and is documented to have low vapor pressure.

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Product Registration Manager	March 15, 2011



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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 835	GROUP A- LABORATORY TRANSPORT			ALC: NO	
835.1110 - 835.1410		CITE-ALL		PAY	
	GROUP B- LABORATORY ABIOTIC TRANSFORMATION				
835.2120 - 835.2410		CITE-ALL	NEW YEAR	PAY	
	GROUP C- LABORATORY BIOLOGICAL TRANSFORMATION				
835.3100 - 835.3420		CITE-ALL		PAY	
	GROUP D- TRANSFORMATION IN WATER AND SOIL				
835.4100 - 835.4300		CITE-ALL		PAY	
	GROUP F- TRANSFORMATION IN WATER AND SOIL				1
835.6100		CITE-ALL		PAY	

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Product Registration Manager	March 15, 2011



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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200

Burr Ridge, IL 60527

Product: Fludioxonil Technical

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 850	GROUP A- AQUATIC FAUNA				
850.1010 - 850.1950		CITE-ALL		PAY	hat I
	GROUP B- TERRESTRIAL WILDLIFE				
850.2100 - 850.2500	Har Market State S	CITE-ALL		PAY	
	GROUP C- BENEFICIAL INSECTS & INVERTEBRATES				
850.3020 - 850.3040		CITE-ALL		PAY	
	GROUP D- NONTARGET PLANTS				
850.4000 - 850.4800		CITE-ALL		PAY	
	GROUP E- TOXICITY TO MICROORGANISMS				
850.5100 - 850.5400		CITE-ALL		PAY	

Signature		Name and Title	Date
	here	Nathan P. Ehresman / Product Registration Manager	March 15, 2011



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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 860	RESIDUE CHEMISTRY				
860.1300 / 171-4a	Nature of the Residue- Plants (Cereals-Rice)	43080050	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Cereals- Wheat)	43143301	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Potato)	43960410	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4a	Nature of the Residue-Plants (Potato)	44703537	SYNGENTA CROP PROTECTION (000100)	PAY	¥ 3,
860.1300 / 171-4a	Nature of the Residue-Plants (Cotton)	44554201 44554202	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Soybeans)	44554203	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Lettuce)	45821801	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4a	Nature of the Residue-Plants (Onions)	44926101	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1300 / 171-4b	Nature of the Residue-Livestock (Chicken)	43470602 44382323	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4b	Nature of the Residue-Livestock (Goat)	43470601	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1300 / 171-4b	Nature of the Residue-Livestock	43960413	SYNGENTA CROP PROTECTION (000100)	OLD	

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	her	Nathan P. Ehresman / Product Registration Manager	March 15, 2011



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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340 / 171-4c	Residue Plant Method and Validation	43080051 43080052 43080054 43080055 43960411	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4c	Residue Plant Method and Validation	44554204	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1340 / 171-4d	Residue Animal Method and Validation	43960412	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1340 / 171-4d	Residue Analytical Method (ILV)	43960414	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1360 / 171-4m	Multiresidue Analytical Method	43080053	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1380 / 171-e	Storage Stability Data	43690403	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1380 / 171-e	Storage Stability Data	44554205	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1480 / 171-4j	Magnitude of the Residue (Meat/Milk/Poultry/Eggs)	43960415	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Corn)	43124110	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Corn)	43960416	STINGENTA CROP PROTECTION (000100)	OLD	

Signature		Name and Title	Date
O.g., attack	neer	Nathan P. Ehresman / Product Registration Manager	March 15, 2011

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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Sorghum)	40404444	OVALOUNTA ODOD DDOTECTION (000100)	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Sorghum)	43124111	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Potato)	43960417	CVALCENTA CROR PROTECTION (000100)	OLD	
860.1520 / 171-41	Magnitude of the Residue PF (Potato)	43960418	SYNGENTA CROP PROTECTION (000100)	OLD	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cotton)	44400000	CVALCENTA CROR PROTECTION (000100)	PAY	
860.1520 / 171-41	Magnitude of the Residue PF (Cotton)	44490802	SYNGENTA CROP PROTECTION (000100)	FAI	
860.1500 / 171-4k	Magnitude of the Residue RAC (Wheat)	44554206	CVNCENTA CDOD DDOTECTION (000400)	PAY	
860.1520 / 171-41	Magnitude of the Residue PF (Wheat)	44554206	SYNGENTA CROP PROTECTION (000100)	PAI	
860.1500 / 171-4k	Magnitude of the Residue RAC (Leaf lettuce)	44554207	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Pea)	44554208	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucumber)	44554209	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Radish)	44554210 47161104	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bulb vegetables)	44615602	SYNGENTA CROP PROTECTION (000100)	PAY	

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Product Registration Manager	March 15, 2011



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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Canola)	44703528	CVALCENTA ODOD DDOTECTION (000400)	DAY	
860.1520 / 171-41	Magnitude of the Residue PF (Canola)	44703530	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard)	44700500	OVALORITA ODOD DDOTESTICK (999499)	DAY	
860.1520 / 171-41	Magnitude of the Residue PF (Mustard)	44703529	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Barley)	44745405	OWNERS AND DESCRIPTION (SOCIOL)	DAY	
860.1520 / 171-41	Magnitude of the Residue PF (Barley)	44715105	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Carrot)	45682301 45682401 47169310	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Broccoli)	45726001	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726002 45726102	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Broccoli)	45726001 45726101	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726102	IR-4 (959857)	PUBLIC	

Signature	2-251	Name and Title  Nathan P. Ehresman / Product Registration Manager	Date March 15, 2011

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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Basil)	45795301 45795401	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Chives)	45795302 45795402	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Mustard greens)	45726102	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cabbage)	45839801	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Head/Leaf Lettuce)	45945001 46006701	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, snap)	46014701 46016701	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, dry)	46014702 46016702	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Bean, succulent shelled)	46014703 46016703	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Yam)	46040103	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cantaloupe)	46040104	IR-4 (959857)	PUBLIC	

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Product Registration Manager	March 15, 2011

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**Nufarm Limited** 

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 / 171-4k	Magnitude of the Residue RAC (Onion, dry / green)	46196501	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Onion, dry / green)	46584601	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Tomato)	47161101	IR-4 (959857)	PUBLIC	Regular Regular
860.1500 / 171-4k	Magnitude of the Residue RAC (Parsley)	47161103	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Cucurbits)	47161106	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sweetpotato)	47161108	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Brassica)	47169311	IR-4 (959857)	PUBLIC	
860.1500 / 171-4k	Magnitude of the Residue RAC (Sweet corn, forage)	47705120	SYNGENTA CROP PROTECTION (000100)	PAY	
860.1500 / 171-4k	Magnitude of the Residue RAC (Field corn, forage, grain, fodder)	47705122	SYNGENTA CROP PROTECTION (000100)	PAY	

Signature

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Name and Title

Nathan P. Ehresman / Product Registration Manager

Date

March 15, 2011



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Nufarm Limited

C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Product: Fludioxonil Technical

<b>Guideline Reference Number</b>	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 870	GROUP A- ACUTE TOXICITY				
870.1100 - 830.2600		CITE-ALL		PAY	
	GROUP B- SUBCHRONIC TOXICITY				
870.3050 - 870.3800		CITE-ALL	-	PAY	
	GROUP C- CHRONIC TOXICITY				
870.4100 – 870.4300		CITE-ALL	<u>-</u>	PAY	
	GROUP D- GENETIC TOXICITY				
870.5100 – 870.5915		CITE-ALL		PAY	
	GROUP E- NEUROTOXICITY				
870.6100-870.6855		CITE-ALL		PAY	
	GROUP F- SPECIAL STUDIES				
870.7485		CITE-ALL		PAY	

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Product Registration Manager	March 15, 2011



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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical	

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS SERIES 875	GROUP A- APPLICATOR EXPOSURE MONITORING				
875.1100 – 875.1600		CITE-ALL		PAY	
	GROUP B- POSTAPPLICATION EXPOSURE MONITORING				
875.2100 – 875.2900		CITE-ALL	-	PAY	
					1

Signature	wer	Name and Title  Nathan P. Ehresman / Product Registration Manager	Date March 15, 2011	
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Nufarm Limited C/O Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527	Product: Fludioxonil Technical	

Ingredient: Fludioxonil (PC Code 71503)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note		
LIST OF COMPANIES SENT OFFER TO PAY FOR USE OF CITE-ALL METHOD OF DATA SUPPORT							
		CITE-ALL	SYNGENTA CROP PROTECTION, INC. / 000100	PAY			
		CITE-ALL	OUTDOOR RESIDENTIAL EXPOSURE TASK FORCE, L.L.C. / 071754	OWN	1		
		CITE-ALL	WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC. / 000499	PAY	Ex Es		
		CITE-ALL	FIFRA ENDANGERED SPECIES TASK FORCE, L.L.C. / 073989	OWN	1		
		CITE-ALL	AGRICULTURAL REENTRY TASK FORCE / 071755	OWN	1		
		CITE-ALL	AGRICULTURAL HANDLERS EXPOSURE TASK FORCE / 075234	OWN	1		
		CITE-ALL	SPRAY DRIFT TASK FORCE / 066607	OWN	1		
					16 16		
	<b>尼尔美国和美国</b>	R S S D R S					

#### FOOTNOTES:

1 Nufarm Limited is a member of this task force.

Signature		Name and Title	Date
	her	Nathan P. Ehresman / Product Registration Manager	March 15, 2011